

Panasonic

Digital Cordless Phone

Model No. **KX-TCD700AL**

Operating Instructions



Caller ID Compatible

PLEASE READ BEFORE USE AND SAVE.

Charge the batteries for approx. 10 hours before initial use.

Important Information

Do not connect the AC adaptor to any AC outlet other than the standard AC 220–240 V, 50 Hz.

- Output voltage DC 9V, 500 mA.
- The apparatus is approved for use with the PQLV1AL power supply.
- CAUTION: Do not remove cover. Live parts inside.

Ringer Equivalence Number (REN):

This relates to the performance of the apparatus when used in combination with other items of apparatus. It enables the calculation of the maximum number of items of apparatus that may be connected simultaneously to the line by summing the REN values of each item.

A maximum REN value of 4 should not be exceeded. The REN value of this apparatus is 1.

WARNING:

The phone may be unable to make emergency 000 calls under certain conditions:-

- The portable handset battery needs recharging, or has failed.
- During a mains power failure.
- When the Key Lock is set to ON.
- When the Unit is in Direct Call Mode.

NOTE:

If you experience any problems with the normal use of your apparatus, you should unplug it from the telephone outlet and connect a known working telephone in its place. If the known working telephone still gives problems, then please contact the customer service department of your carrier or service provider. If it operates properly, then the problem is likely to be a fault in your apparatus. In this case, contact your supplier for advice. Your carrier or service provider may charge you if they attend a service call that is not due to apparatus supplied by them.

Dear purchaser,

You have acquired a KX-TCD700AL, which is a product made in regard with the European Standards for Cordless Telephones (DECT). DECT technology is characterised by high-security protection against interceptions as well as high-quality digital transmission.

This telephone was designed for a wide range of applications.

For example, this telephone can be used within a network of base units and handsets, constituting a telephone system which:

- operates up to 6 handsets at one base unit
- allows an intercom between handsets
- allows the operation of a handset at up to 4 base units, expanding the communication radio area.

This telephone may be used for:

- operating several handsets
- operating at several base units
- connecting the base unit to a PBX.

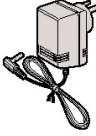
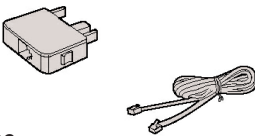



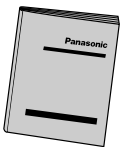
For your future reference

Serial No. _____ Date of purchase _____

(found on the bottom of the unit)

Name and address of dealer _____

Accessories (included).

AC Adaptor  one	Telephone Line Cord/Plug  one	Batteries (AA size) N4DH33B00001 OR HHR-6P/2SA1  two
Battery Cover  one	Belt Clip  one	Operating Instructions  one

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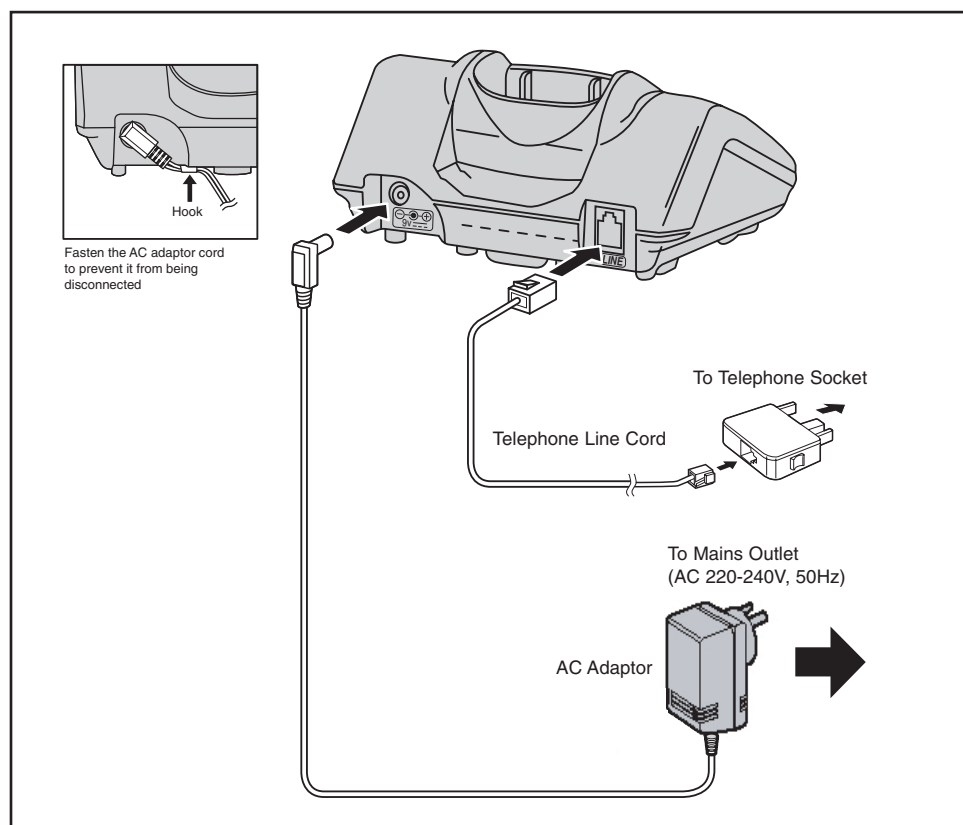
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Getting Started

Connections

Plug in the AC Adaptor and the telephone line cord to the rear of the unit. Then connect the cord as shown.

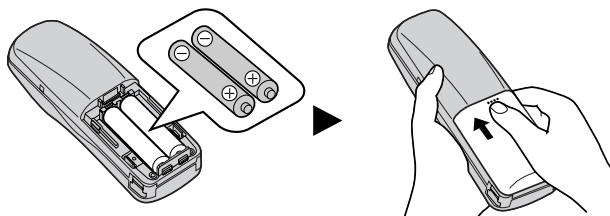


USE ONLY WITH Panasonic AC ADAPTOR PQLV1AL.

- The AC Adaptor must remain connected at all times. (It is normal for the adaptor to feel warm during use.)
- To connect a standard telephone on the same line, see page 52.
- If your unit is connected to a telephone line or PBX which does not support Caller ID services, you cannot access those services.

Installing the Batteries in the Handset

- If the rechargeable batteries are not inserted correctly, the handset will not work.



Battery Charge

At the time of shipment, the batteries are not charged. To charge, place the handset on the base unit. Please charge the batteries for approximately 10 hours before initial use. During charging, the battery icon is as shown above.



Battery Strength

You can check the present battery strength on the display.

Battery strength	Fully charged	Medium	Low	No power
Battery icon				(Flashing)

Recharge

When “” flashes or the unit beeps every 15 seconds, recharge the batteries.

Battery Information

After your batteries are fully charged:

Operation	Ni-MH battery life (Included)	Ni-Cd battery life (optional)
While in use (Talk)	Approx. 20 hours	Approx. 12 hours (based on 800mA per hour)
While not in use (Stand-By)	Approx. 160 hours	Approx. 100 hours

- Battery life may vary depending on usage conditions, such as:
 - when viewing the Caller ID Caller List, and
 - ambient temperature.
- **Clean the handset charge contacts with a soft, dry cloth once a month. Clean more often if the unit is subject to grease, dust or high humidity.** Otherwise the batteries may not charge properly.
- To maximise battery life, it is advisable not to place the handset on the base unit until “” flashes.
- The batteries cannot be overcharged.


➡ Getting Started

Battery Caution:

To reduce the risk of fire or injury to persons, read and follow these instructions.

1. Use only the batteries specified.
2. Do not use non-rechargeable batteries.
3. Do not mix old and new batteries.
4. Do not dispose of the batteries in a fire. They may explode. Check with local waste management codes for special disposal instructions.
5. Do not open or mutilate the batteries. Released electrolyte is corrosive and may cause burns or injury to the eyes or skin. The electrolyte may be toxic if swallowed.
6. Exercise care in handling the batteries in order not to short the batteries with conductive materials such as rings, bracelets, and keys. The batteries and/or conductor may overheat and cause burns.
7. Charge the batteries provided with or identified for use with this product only in accordance with the instructions and limitations specified in this manual.

Battery Replacement:

If “” flashes after a few telephone calls even when the handset batteries have been fully charged, it is time to replace the batteries with new ones.

Remember to charge the new batteries after replacement (see page 7).

- Discard defective batteries as soon as possible. Defective batteries may leak into the unit.

Base Unit Location:

For maximum distance and noise-free operation, the recommended base unit location is:

- Away from electrical appliances such as TV, radio, personal computer or another telephone.
- In a convenient high and central location.

Safety Instructions



Take special care to follow the safety suggestions listed below.

Safety

- 1) The unit should be connected to a power supply only of the type described in the operating instructions or as marked on the unit.
- 2) When left unused for a long period of time, the base unit should be unplugged from the household AC outlet.
- 3) To minimise the possibility of lightning damage when you know that a thunderstorm is coming, we recommend that you:
 - a) Unplug the telephone line cord from the phone jack.
 - b) Unplug the power supply cord from the AC power outlet.

Installations


Environment

- 1) Do not use this unit near liquids—for example, near a bathtub, washbowl, sink, etc. Damp environments should also be avoided.
- 2) The unit should be kept away from heat sources such as heaters, kitchen stoves, etc. It also should not be placed in rooms where the temperature is less than 5°C or greater than 40°C.
- 3) As the AC adaptor needs to be connected to mains power, ensure that AC mains output is located nearby for easy access.

Placement

- 1) Do not place heavy objects on top of this unit.
- 2) Care should be taken so that objects do not fall onto, and liquids are not spilled into, the unit. Do not subject this unit to excessive smoke, dust, mechanical vibration or shock.
- 3) Place the unit on a flat surface.

For best performance

- 1) If noise prevents the conversation from being understood at the handset, approach the base unit to lessen the noise.
- 2) The handset should be used at the HIGH volume setting when the reception audio is difficult to hear.
- 3) The handset should be fully recharged on the base unit when “” flashes on the display.
- 4) The maximum calling distance may be shortened when the unit is used in the following places: Near obstacles such as hills, tunnels, undergrounds, near metal objects such as wire fences, etc.

➡ Safety Instructions

WARNING:

TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS PRODUCT TO LIQUID OR ANY TYPE OF MOISTURE.

When a failure occurs which results in the internal parts becoming accessible, disconnect AC adaptor immediately and return this unit to the place of purchase or service centre.

If there is any trouble, disconnect the unit from the telephone line and connect a known working phone. If the known working phone operates properly, do not reconnect the unit to the telephone line until the fault has been repaired. If the known working phone does not operate properly, consult your telephone company.

This equipment has been tested and found to comply with AS/NZS 3548:1995 limits for electromagnetic interference. Any modifications to any part of the system or to any peripherals may void the EMC compliance of the system or the peripherals.

This equipment will be inoperable when mains power fails.

The earcap on the handset is magnetised and may retain metallic objects.

Electrical appliances operating near DECT frequency (1.8GHz) may cause interference. Move away from the electrical appliances.

Medical

Consult the manufacturer of any personal medical devices, such as pacemakers, to determine if they are adequately shielded from external RF (radio frequency) energy. (The unit operates in the frequency range of 1.88GHz to 1.9GHz, and the power output level is approximately 250mW). Do not use the unit in health care facilities if any regulations posted in the area instruct you not to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF (radio frequency) energy.

Important Information (for Australia only)

Instructions to customer

Installation

Attached to this apparatus is an approval label. This label is evidence that it is a "Permitted Attachment" which has been authorised to be connected to your telephone service.

Conditions relating to connection and operation of this Permitted Attachment are contained in Telecommunications General By-Law 220 (5).

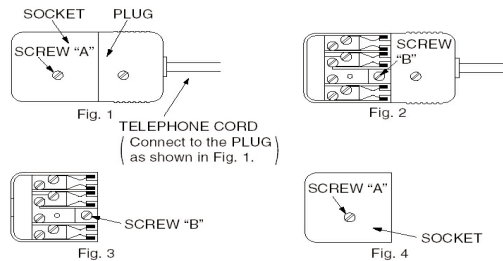
You are authorised to install this Permitted Attachment yourself by plugging it into the line socket of any regular telephone. You may connect it in place of your existing telephone or to any spare telephone socket installed in your premises.

To disconnect your existing telephone you

must first remove its plug from the line socket. You can then insert the plug of your Permitted Attachment into the socket and use your equipment.

If the plug of your existing telephone cannot be readily removed, you will have to remove the screw securing it. To do this proceed as follows:

1. Loosen screw "A" sufficiently to remove the socket cover. (See Fig. 1.)
2. Remove screw "B" and withdraw the plug. (See Fig. 2.)
3. Replace screw "B". (See Fig. 3.) Ensure that it screws completely into the socket recess. (If the screw is too long, increase the hole depth or replace the screw with one 5mm shorter.)
4. Replace socket cover and tighten screw "A". (See Fig. 4.)



If you are satisfied with the operation of your telephone service after plugging in your Permitted Attachment, your installation is complete.

You will be unable to connect this Permitted Attachment if your telephone service consists only of a wall phone or an old style telephone which is not connected by means of a modern plug and socket. In such cases a new socket will need to be installed.

Should the Permitted Attachment not operate when plugged into a socket, it is either faulty or unsuitable for operation with your telephone service. It should be returned to the store where purchased or the Authorised Service Centre.

Service difficulties

If at any time a fault occurs on your telephone

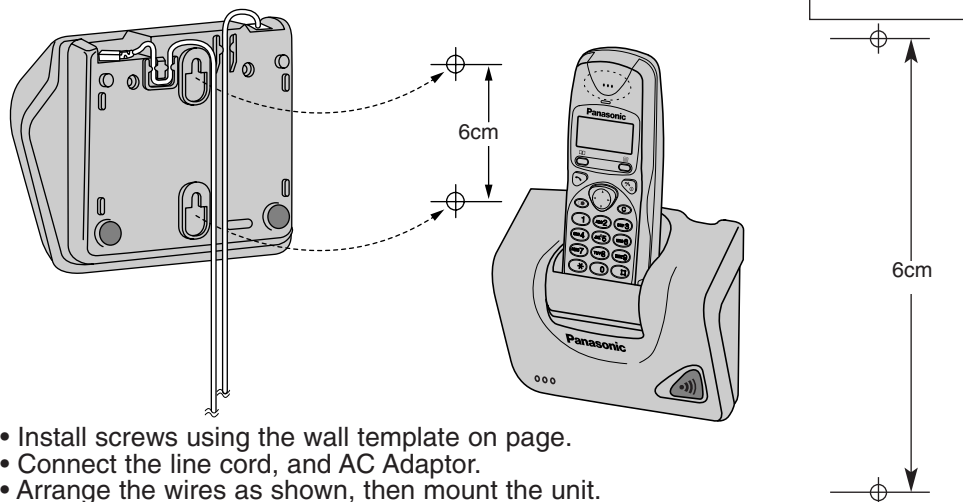
service carry out the following checks before you call for service:

- Disconnect the Permitted Attachments and try using the service with the normal telephone.
- If the telephone service then operates satisfactorily, the fault is in your Permitted Attachment. Leave the Permitted Attachment disconnected and report the fault to its supplier or agent to arrange for repair.
- If when using the telephone the service is still faulty, report the fault to "Service Difficulties and Faults" for attention.

You are required to keep this Permitted Attachment in good working order while it is connected to your telephone service. Its construction or internal circuit must not be modified in any way without permission.

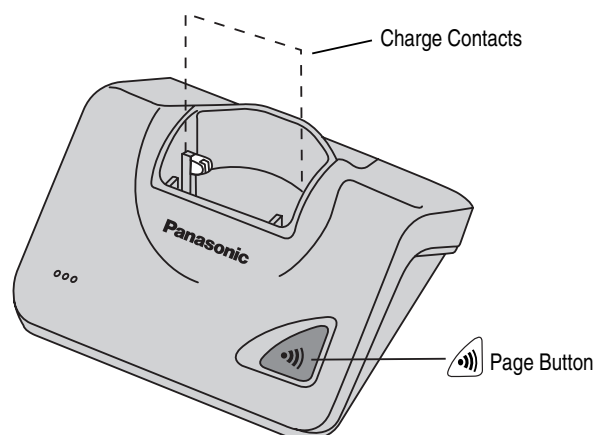
Wall Mounting

This unit can be mounted on a wall.

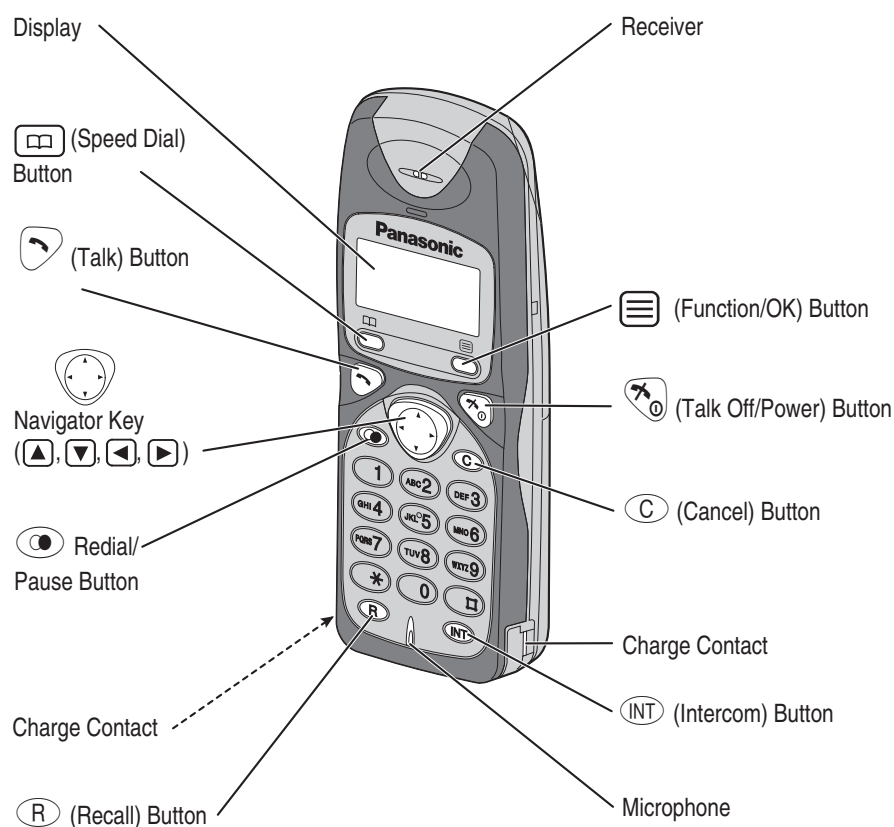


Location of Controls

Base Unit



Handset



Displays

Handset Display



(The display shows all possible configurations)

Icons



The in-range icon indicates that the handset is in range of the base unit. It flashes when the handset is out of range.



The page/intercom icon is displayed when paging or using the intercom. It flashes when another unit pages the handset.



The talk icon is displayed when making or answering calls. It flashes when an outside call is being received.



The direct call icon is displayed when this mode is turned on.



The call prohibition icon is displayed when this mode is turned on.



The program icon indicates that the unit is in the programming mode.



The ringer off icon indicates that ringer tone is temporarily turned OFF.



The battery icon indicates the battery strength.



The Key Lock icon is displayed when key lock is set on the handset. In this mode, keypad is disabled.



The speed dial icon is displayed when this mode is turned on.

LCD

Character	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
Display	A	b	c	d	E	F	G	H	I	J	h	L	n	n	O	P	q	r	S
Character	T	U	V	W	X	Y	Z	1	2	3	4	5	6	7	8	9	*	0	#
Display	t	U	U	W	H	y	2	1	2	3	4	5	6	7	8	9	*	0	#

Note: The LCD on your handset is a 7 segment display and each character will be displayed as shown in the table above. Some displayed characters differ e.g. character M is displayed as *n*. This is not a fault of the display and is normal display condition.

Symbols Used



shows that you should press the following key(s).

Basic Start-up Operations

Turning the Power On

1. and hold

- After all characters briefly appear, the display will change to the standby mode when the button is released. A confirmation tone sounds.
- The current connected base unit number is displayed (- 1-)
- The number of New Caller ID calls received are displayed (eg. 02)
- You can choose whether to display the base unit number, handset number, clock or no display in the standby mode (see p.33).





Making a Call

For further information on making calls, see pages 15-16.

1.

2. Dial a phone number

The dialled number is displayed.

(If a number is entered incorrectly,  .

After a few seconds, the display will start showing the length of the call.

Terminating a Call





1. To hang up, .

- The handset will return to the standby mode.
- The dialled number is stored in the redial memory.

Answering a Call

(For further information on answering calls, see page 17).

1.

- You can also answer a call by pressing any dialling button  to ,  or  (-Any Key Answer).

After a few seconds, the display will start showing the length of the call.

Turning the Power Off

Make sure that the unit is in the standby mode.

1. and hold until a beep sounds

- The display will go blank.
(On location of the handset in base unit, the battery icon will display even after power off).

Making Calls



Note: for basic making calls operation, see page 14.

To Dial After Confirming the Entered Number

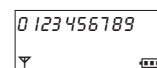
With this feature you are able to confirm the entered number before you start dialling.

1. Dial a Phone Number

(If number is not entered correctly:

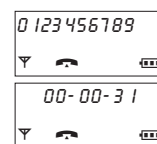
To clear one digit, briefly.

To clear all digits, and hold .



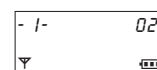
2. Phone number confirmed,

(After a few seconds, the length of call is displayed).



3. To end call, .

(After a few seconds, the display returns to the standby mode).



- **Note:** If flashes and an alarm tone sounds after pressing , move closer to the base unit. Then try again.

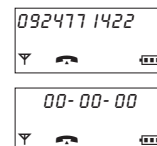
To Redial the Last Number Dialed

1.

2.

(The last number dialed is displayed and automatically redialled).

- After a few seconds, the length of call is displayed.

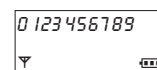


To Redial After Confirming the Numbers in Redial Memory

The unit automatically stores the last 10 numbers dialed into redial memory.

1.

(The last number dialed is displayed).



2. or to select required number

(To exit the list,)


3.

(After a few seconds the length of call is displayed).




➡ Making Calls

To Edit/Clear Numbers in the Redial List

To edit and clear numbers in the redial memory, press , select number and then follow from step 2 (Page 22).

Direct Call

You can store one number into memory and then call this number by pressing . Incoming calls are accepted. To use this feature, store the direct call number and turn on the mode by programming (see page 34). The factory pre-set is **OFF**.

Dialling the Stored Number

Make sure that “” is displayed (see page 34), then  .

- The number stored in the direct call memory is dialled automatically.
- **When the handset is in “direct call” mode, it is not possible to make any calls until direct call is cancelled. This also includes emergency calls.**

To Select the Receiver Volume

3 levels (HIGH, MEDIUM, LOW) are available. The factory preset is MEDIUM.

1. During conversation, , or to select level

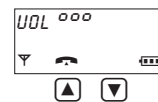
 = receiver volume up

 = receiver volume down

ooo = HIGH, oo = MEDIUM, o = LOW



2. After volume selection,











(The display returns to length of call, etc).



Dialling a Stored Hot Key Number

(To register a number as Hot Key, see page 19).

You can assign up to 9 phone numbers in the speed dial list as hot key dials. The dialling buttons ( to ) function as memory stations.

-  and hold a memory station number ( to ).
 - The stored number is displayed.
 - To search a number,   or  until the desired number is displayed.
-  
 - The number is dialled automatically.
- To hang up,  .


Answering Calls

Answering Calls

For basic answering call operation, see page 14.








- The handset and base unit will not ring if both ringer volumes are set to OFF (p. 31, 46).

Auto Talk

If you set the Auto Talk Feature to ON (p. 36), you can answer a call by lifting the handset off the base unit without pressing .

To Turn the Handset Ringer Off Temporarily

When an external call is incoming, user can turn off ringer temporarily.

1. **During incoming call,**  **and hold**  .
(Bell off symbol is displayed and the handset stops ringing).
2. **Answer call by pressing** ,  - ,  **or**  (-Any Key Answer).
 - The ringer will turn back on for the next call.
 - This function will not work when the handset is on the base unit or if an internal call is incoming.



Lighted Handset Keypad

The handset dialling buttons will light when you press a button, lift the handset off the base unit or receive a call. The lights will go out about 10 seconds after pressing a button, lifting the handset or answering a call.

Speed Dialling

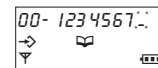
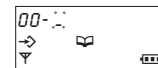
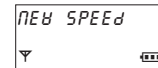
Storing Phone Numbers in Memory

You can store up to 20 telephone numbers in the handset

Storing new numbers

1. or
2. or
(Speed dial is selected, speed dial icon is displayed).
3. **Enter phone number (Up to 24 digits)**
(Phone numbers are displayed from the left edge of the LCD).
 - If a pause is required for dialling, while entering number. Pressing counts as one digit.
4.
(Speed dial is saved (*SAVED*) - a confirmation tone sounds)
(After 2 seconds, next index list No. is displayed. If user wants to continue, start again from step 3).
 - If speed dial memory is full, '*MEMORY FULL*' is displayed.
5. or (twice) or (once).
The display returns to the standby mode.

(Standby Mode)



Dialling a Stored Number

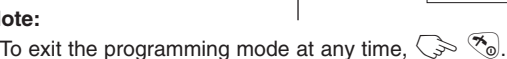
There are 3 ways to display the speed dial list. (scrolling, jumping and hot key).

To register a speed dial to hot key, see page 19.

Displaying the list by Scrolling/Jumping.

- 1.
 2. **(Scrolling)** or to select phone number.
(Jumping) 00 to 19 to select Index No.
 3.
To exit speed dial memory, .
- If no digits are input over 1 minute, speed dial is cancelled and display returns to standby mode.

- Edit a speed dial number (*Ed It*).
- Clear a speed dial number (*CLEAR*).
- Register a speed dial number to Hot Key (*Hot Key Reg*).



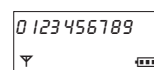
➡ Speed Dialling

Saving Numbers in Speed Dial List (*SAUE SPEED*)

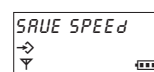
Telephone numbers can be saved into the speed dial list from other lists
eg. Caller ID list, re-dial list, etc.

To save a number from other lists;

1. Display number to be saved

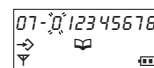


2. or



3. or

"*SAUE SPEED*" is selected.
Speed dial icon is displayed.



- Edit number if required.

4. to save number.

- A confirmation tone sounds.
- The display returns to the standby mode.



Caller ID Service



Caller ID, where available, is a telephone company service. After subscribing to Caller ID, this phone will display the caller's phone number. A second caller's phone number displays while the user is on another call, this requires a subscription to both Caller ID and Call Waiting.

This unit is compatible with a Caller ID service offered by your telephone company. If you should subscribe to a Caller ID service, the calling party's information will be shown on the handset display after the first ring.

If you subscribe to both Caller ID and Call Waiting services, when a second call is received while talking, the new phone number will be displayed.

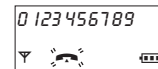
You cannot access the Caller ID service while using the handset and base unit for an internal call.

How Caller Information is Displayed when a Call is Received

• Incoming Call



• Caller's phone number is displayed after first ring



1. (Length of call is displayed).



- Caller's phone number cannot be displayed in the following cases:

- If the caller dialed from an area which does not provide a Caller ID service, the display will show



- If the caller has requested not to display his/her phone number, the display will show

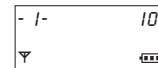


- If your unit is connected to a telephone line or a PBX which does not support Caller ID service, you cannot access those services.

Checking the Number of New Calls

In the standby mode, when new calls have been received, the display shows the number of new calls.

- For example if you have received 10 new calls the display will show the following.



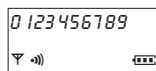
➡ Caller ID Service

Caller ID Sub-Menu

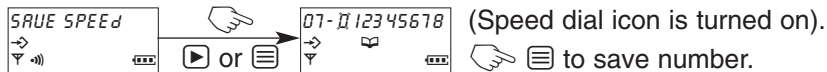
In the Caller ID sub-menu, it is possible to carry out the following operations:

- **Save a Caller ID Number to speed dial list** (*SAVE SPEED*).
- **Edit a Caller ID Number** (*EDIT CALL NO*).
- **Delete a Caller ID Number** (*CLEAR*).
- **Delete all Caller ID Numbers** (*ALL CLEAR*).

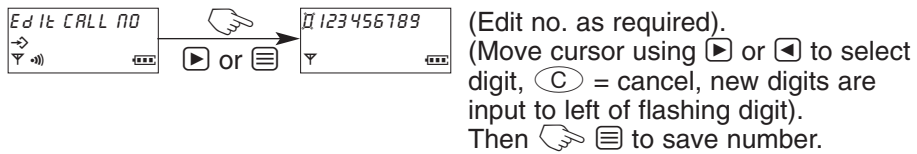
1. or to select number



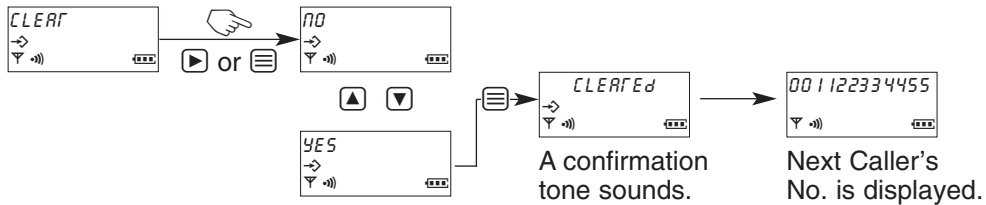
2. or



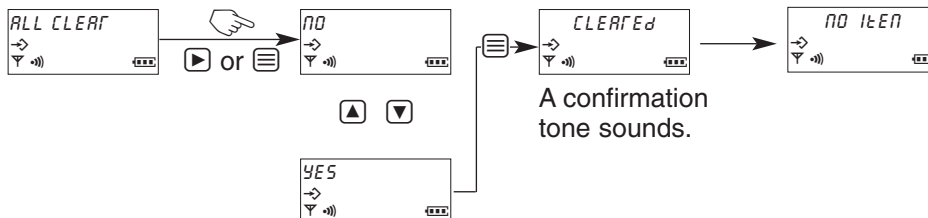
- 3.



- 4.



- 5.



Note: The intercom icon will not be displayed when editing/clearing numbers in the Redial List.

Using the Caller List



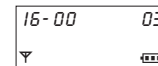
Viewing the Caller List

Telephone numbers of up to 50 different callers are stored from the most recent to the oldest call in the Caller List. When the 51st call is received, the oldest call is deleted.

To check the caller's phone number, follow the steps below.

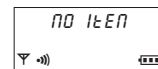
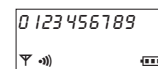
1. Ensure display is in standby mode

eg. (Clock is displayed – 3 new calls).



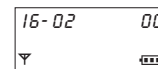
2. or (newest number is displayed).

- To search from the most recent to the oldest call, repeatedly.
- To search from the oldest to the most recent call repeatedly.
- To scroll between callers, or .
- If no number is displayed in step 2, the Caller List is empty.
- If more than one call is received from the same caller only the most recent call will be recorded.



3. To exit the list, or .

- Display returns to standby mode.
- New call counter is cleared.

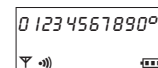


CHAPTER 2

What 'o' means

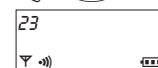
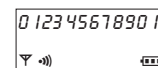
When you have checked new calls, answered the call or called back the caller, 'o' will be added to the caller's number.

When the same caller calls again, the call entry with 'o' will be deleted and replaced with the new call entry.



When Viewing Long Telephone Numbers

If the caller's number is greater than 12 digits the whole telephone number will not be shown. to see the remaining numbers.

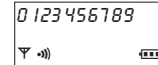


➡ Using the Caller List

Calling Back from the Caller List

Using the list you can automatically call back a caller.

1. Select Caller ID number by pressing ▲ or ▼.



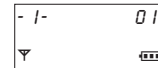
2.  .



• After a few seconds the length of call is displayed.

3. To hang up  .

(The handset will return to the standby mode).



For Optional Multi-Unit Users

Operating More than One Handset

You can register and operate up to 6 handsets at the base unit. Operating more than one handset allows you to have an internal call while simultaneously conducting an external phone call using another handset.

The functions of the optional handset are the same as those of KX-TCD700AL handset.

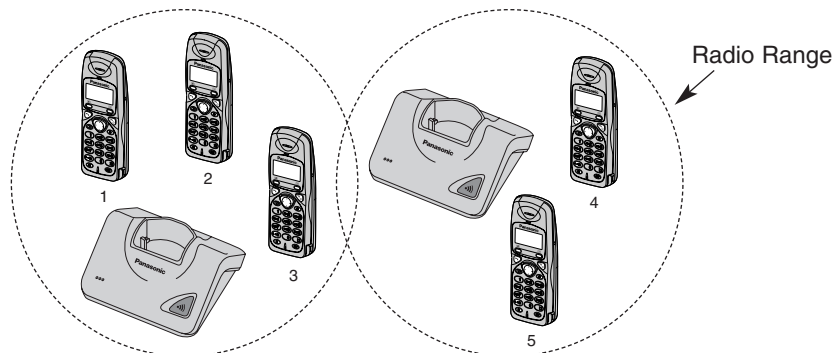
- To register a handset to a base unit, see page 38.

Operating More than One Base Unit

You can register and operate your handset at up to 4 base units.

Since each base unit forms a radio cell, you can extend the range or area in which you can make/answer calls with the same handset by placing the base units in suitable locations. For example you can use a handset in different radio areas, such as at home or the office. However, calls in progress are cancelled when the unit moves to another radio area.

Eg. optional KX-A114AL handsets are added to 2 base units.



Paging/Intercom



Paging All Handsets from the Base Unit

1. (On the Base Unit).
 - All handsets will ring for one minute.
2. To stop paging, again or on one of the handsets.

Intercom between Handsets

A 2-way intercom is available between handsets.
Eg. **Handset 1** is paging **Handset 2**

1. (**Handset 1**) (Int icon blinks until connection is established).
2. (**Handset 1**)
3. (**Handset 2**)
When the unit rings, to answer.
 - The intercom duration is displayed.
4. (**Handsets 1 and 2**)
To end the intercom, .
 - Intercom calls can be conducted within the radio area of the current base unit, but not within units in neighbouring radio areas.

Intercom is not acceptable in the following areas:

 - when the other party is in intercom mode.
 - when the other party is on hold during external call.
 - while the other party is in conference call.

- 1 -	02
[1]	
[1] - [2]	
00-00-00	

CHAPTER 2

Transferring a Call from One Handset to Another

The intercom can be used during a call, enabling you to transfer a call between handsets registered to the same base unit.

Transferring a Call using the Intercom

Eg. **Handset 1** is transferring an external call to **Handset 2**.

1. (**Handset 1**)
During a call, (Intercom icon turns on).
 - The call is put on hold.
2. (**Handset 1**) **desired handset no. eg.**
 - You will hear an internal ring back tone until the other handset is answered.

[1]	
[1] - [2]	

➡ Paging/Intercom

Transferring a call using the Intercom (continued)

3. (Handset 2) When the unit rings, or to answer.

4. (Handset 1) Transferring a call

- The transfer is completed.

or

to return to the External Call .

Transferring a Call without the Intercom

This feature enables you to transfer the call to another handset without waiting for the paged handset to answer.

Eg. **Handset 1** is transferring a call to **Handset 2**.

1. (Handset 1)

During a call, (Intercom icon turns on)

- The call is put on hold.

2. (Handset 1) **desired handset no. eg.**

- You will hear an internal ring back tone until the other handset is answered.

3. (Handset 1)

4. (Handset 2) When the unit rings, to answer.

- The transfer is completed.
- If the paged handset is not answered within 30 seconds, a ring tone sounds at the paging handset. The paging handset can return to the call by pressing .

Conference

During a call using the handset, you can make an intercom call to another handset and then combine the calls together to establish a conference call between handsets registered to the same base unit.

1. (Handset 1) During a call, then enter the desired handset number eg. .

- The call is put on hold.
- If there is no answer, to return to the call.

2. (Handset 2) When the unit rings, or to answer.



3. (Handset 1) to establish a conference call.


4. (Handset 1 or 2) to hang up on conference call.

Special Features

How to Use the Pause Feature

(For Analog PBX Line/Long Distance Service Users)



We recommend you insert “” if a pause is required for dialling with a PBX or to access a long distance service (When  is pressed, ‘P’ is displayed on LCD).

Eg. Line access number  (PBX).

1.  ,  and then phone number.

2.  

(After a few seconds, display will start showing the length of the call).

- Pressing  once creates a pause.
This prevents misdialling when you redial or dial a stored number.
- Pressing  more than once increases the length of the pause between numbers.



Call Waiting and Caller ID Compatible

If you subscribe to Caller ID and Call Waiting service, your handset displays a second caller's phone number while talking. After you hear a call waiting tone, the caller's phone number will be displayed.

You can answer the second call, keeping the first call on hold.

- Please consult your telephone company for details and availability within your area.

Using the Recall Feature

 is used to access special telephone services (optional) such as call waiting. (When  is pressed ‘F’ is displayed on LCD). Contact your telephone company for details.

- Users in Australia can access Telstra's “EASY CALL” service by having the recall time set at 100msec (this is the factory default setting), and then follow Telstra's “EASY CALL” instructions to operate this service.
- If you are connected via a PBX, a longer or shorter recall time may be necessary to use PBX functions (transferring a call etc.). Consult your PBX supplier for the correct setting.

Using Caller ID Type II




When you receive a second call during a conversation, you will hear a signal tone following the call waiting tone and the **conversation will be interrupted or muted for a short period of time**. This is not fault of the product as these events are normal.

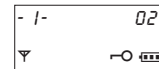
Note: The tones are generated by the telephone company.

➡ Special Features

Setting the Key Lock (ON)




You can lock the handset dialling buttons. Only incoming calls are accepted until the key lock is cancelled. You can answer a call by pressing any dialling button **0** to **9**, ***** or **#** (-Any Key Answer). Make sure that the unit is in the standby mode.

1.   **for more than 2 seconds.**
 - Confirmation tone sounds and all dialling buttons are locked.
 - Key lock icon '' is displayed.



To Cancel the Key Lock

Make sure that the unit is in the standby mode.

1.   **for more than 2 seconds**
 - Key lock icon '' disappears and key lock is cancelled.



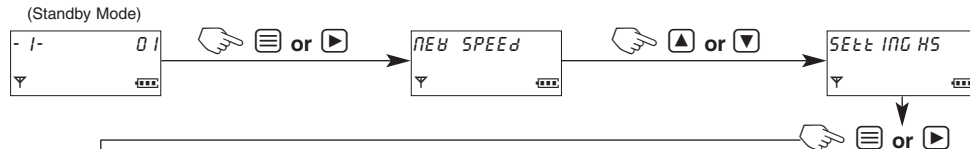
Note:

- The key lock will also be cancelled when the power is turned OFF.
- **When the handset is in 'Key Lock' mode, emergency calls cannot be made until the key lock is cancelled.**

Summary of Programmable Functions

On the Handset

You can program the following function items using the handset near the base unit. See the corresponding pages for function details.



Refer to relevant page as indicated.		
<ul style="list-style-type: none"> • TIME ALARM ▲ ▼ 	<ul style="list-style-type: none"> • SET TIME • SET ALARM 	Set Time of Alarm (p.30) Set Alarm ON/OFF (p.30)
<ul style="list-style-type: none"> • RINGER OPT ▲ ▼ 	<ul style="list-style-type: none"> • RINGER VOL • EXT RINGER • INT RINGER • PAGING • ALARM 	Select the Handset Ringer Volume (p.31) Set Ringer Pattern for Ext. Incoming Call (p.31) Set Ringer Pattern for Internal Call (p.31) Set Ringer Pattern for Paging Tone (p.31) Set Ringer Pattern for Alarm Tone (p.31)
<ul style="list-style-type: none"> • TONE OPT ▲ ▼ 	<ul style="list-style-type: none"> • KEY TONE • CALL WAITING • RANGE ALARM • BATTERY LOW 	Set Key Confirmation Tone ON/OFF (p.32) Set Call Waiting Tone ON/OFF (p.32) Set Range Warning Alarm ON/OFF (p.32) Set Battery Low Tone ON/OFF (p.32)
<ul style="list-style-type: none"> • DISPLAY OPT ▲ ▼ 	<ul style="list-style-type: none"> • STANDBY MODE • TALK MODE 	Select the Standby Mode Display (p.33) (Base Station Number, Handset Number, Clock or Off) Select the Talk Mode Display (p.33) (Talk Time, or Phone No.)
<ul style="list-style-type: none"> • CALL OPT ▲ ▼ 	<ul style="list-style-type: none"> • CALL BAR • DIRECT NO • SET DIRECT 	Set Call Prohibition (p.35) Set Direct Call Number (p.34) Set Direct Call ON/OFF (p.35)
<ul style="list-style-type: none"> • OTHER OPT ▲ ▼ 	<ul style="list-style-type: none"> • HSP IN CHANGE • AUTO TALK • BATTERY TYPE 	Change Handset PIN (p.37) Set Auto Talk ON/OFF (p.36) Select Battery Type (p.36)
<ul style="list-style-type: none"> • REGISTER HS ▲ ▼ 	<ul style="list-style-type: none"> • REGISTER HS • CANCEL BASE 	Registering a Handset to a Base Unit (p.38) Cancelling a Base Unit (p.39)
<ul style="list-style-type: none"> • SELECT BS ▲ ▼ 		Select Base Unit (p.40)
<ul style="list-style-type: none"> • RESET HS ▲ ▼ 		Reset Handset (p.41)

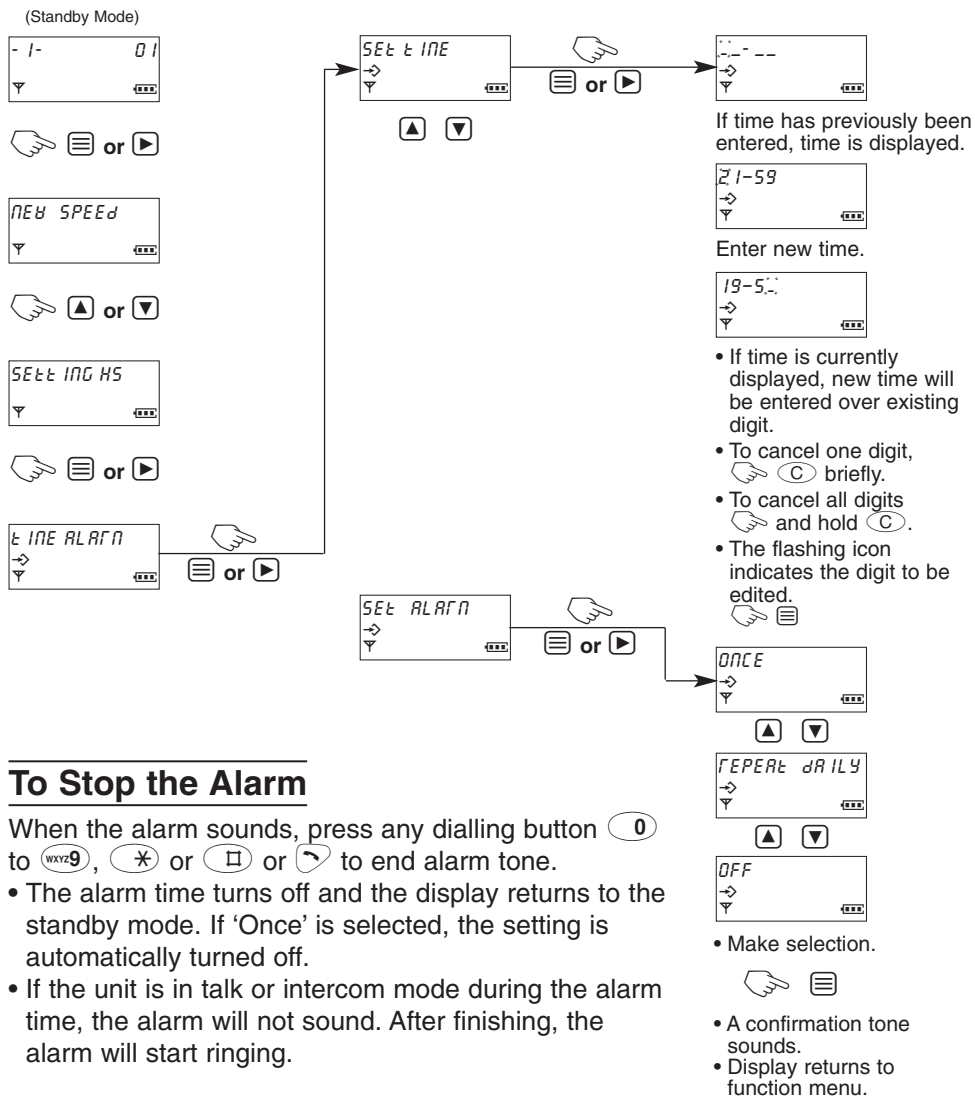
Note:

- To return to the previous step during programming, .
- To exit the programming mode at any time, .

Setting Time Alarm Function

Within the Time Alarm menu, it is possible to program the following:

- **Set Time of Alarm (SEt t INE).**
- **Set Alarm ON/OFF (SEt ALARn).** (In this mode, it is possible to set the alarm to repeat daily (REPEAT dAILY), once (ONCE) or off (OFF)).



To Stop the Alarm

When the alarm sounds, press any dialling button **0** to **WXYZ9**, ***** or **□** or **↶** to end alarm tone.

- The alarm time turns off and the display returns to the standby mode. If 'Once' is selected, the setting is automatically turned off.
- If the unit is in talk or intercom mode during the alarm time, the alarm will not sound. After finishing, the alarm will start ringing.

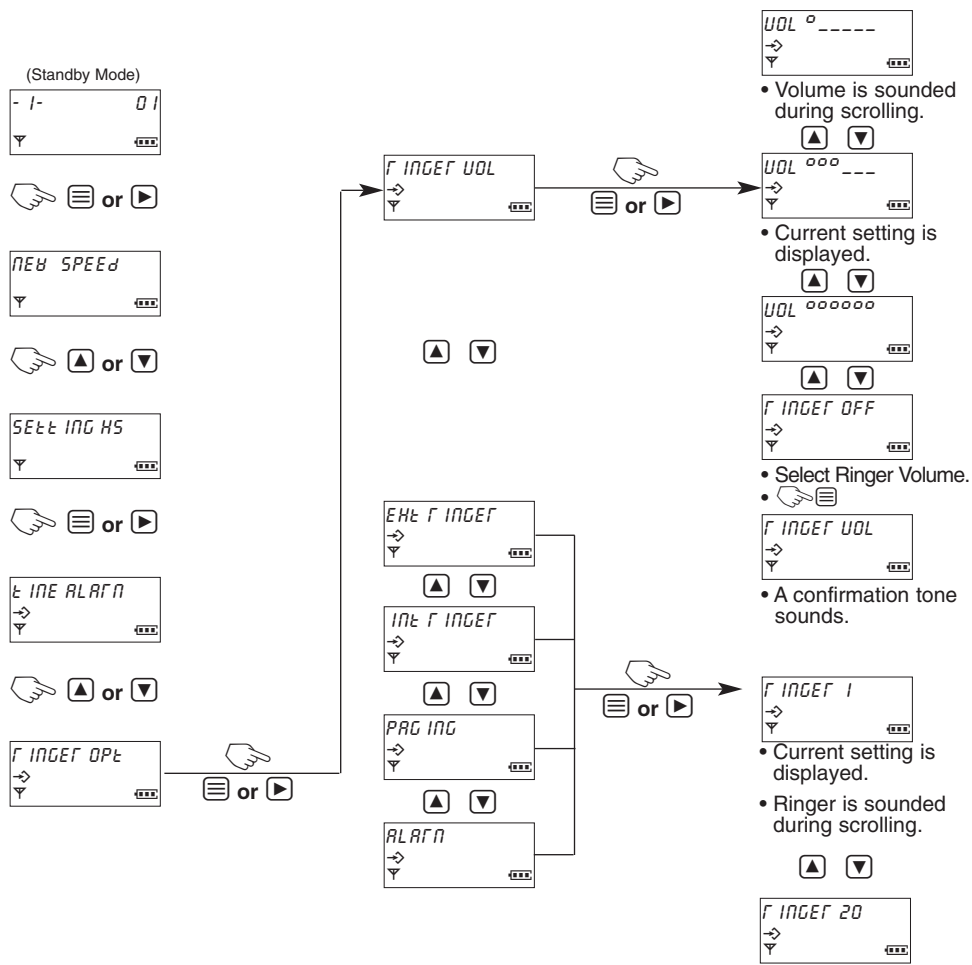
Note:

- To return to the previous step during programming, press **↶**.
- To exit the programming mode at any time, press **↶**.

Setting Ringer Options

Within the Ringer Option menu, it is possible to program the following:

- Select the Handset Ringer Volume (*F INGEF VOL*) (6 levels available plus OFF (*F INGEF OFF*)).
- Select the Ringer Pattern for External Incoming Call (*EHt F INGEF*).
- Select the Ringer Pattern for Internal Call (*INt F INGEF*). (20 patterns available).
- Select the Ringer Pattern for Paging Tone. (*PAG ING*).
- Select the Ringer Pattern for Alarm Tone. (*ALAFN*).



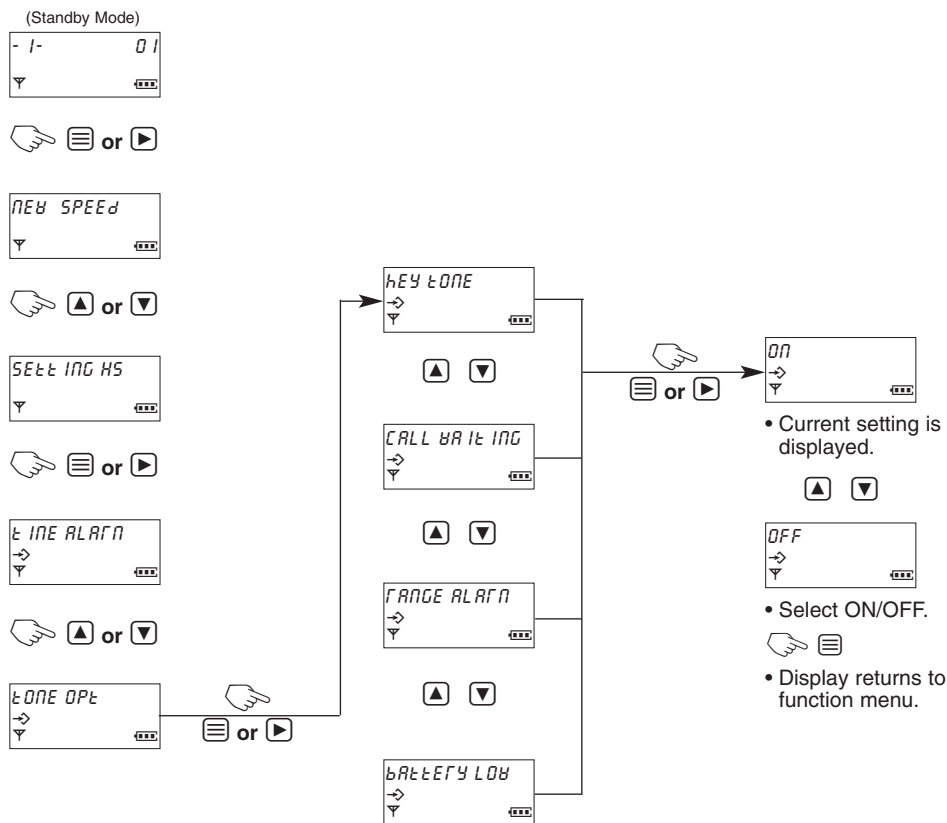
Note:

- To return to the previous step during programming, .
- To exit the programming mode at any time, .

Setting Tone Options

Within the Tone Option menu, it is possible to program the following:

- **Set Key Confirmation Tone ON/OFF (KEY TONE) (ON/OFF).**
You can choose whether or not the handset keys will sound tones (eg. key tone, confirmation tone, error tone).
- **Set Call Waiting Tone ON/OFF (CALL WA IT ING) (ON/OFF).**
If an incoming call has been received during an intercom between handsets, a call waiting tone sounds.
- **Set Range Warning Alarm ON/OFF (RANGE ALARM) (ON/OFF).**
You can choose whether or not the handset will sound a range warning alarm.
- **Set Battery Low Tone ON/OFF (BATTERY LOW) (ON/OFF).**
You can choose whether or not the handset will sound a battery low tone.



Note:

- To return to the previous step during programming, .
- To exit the programming mode at any time, .

Setting Display Options

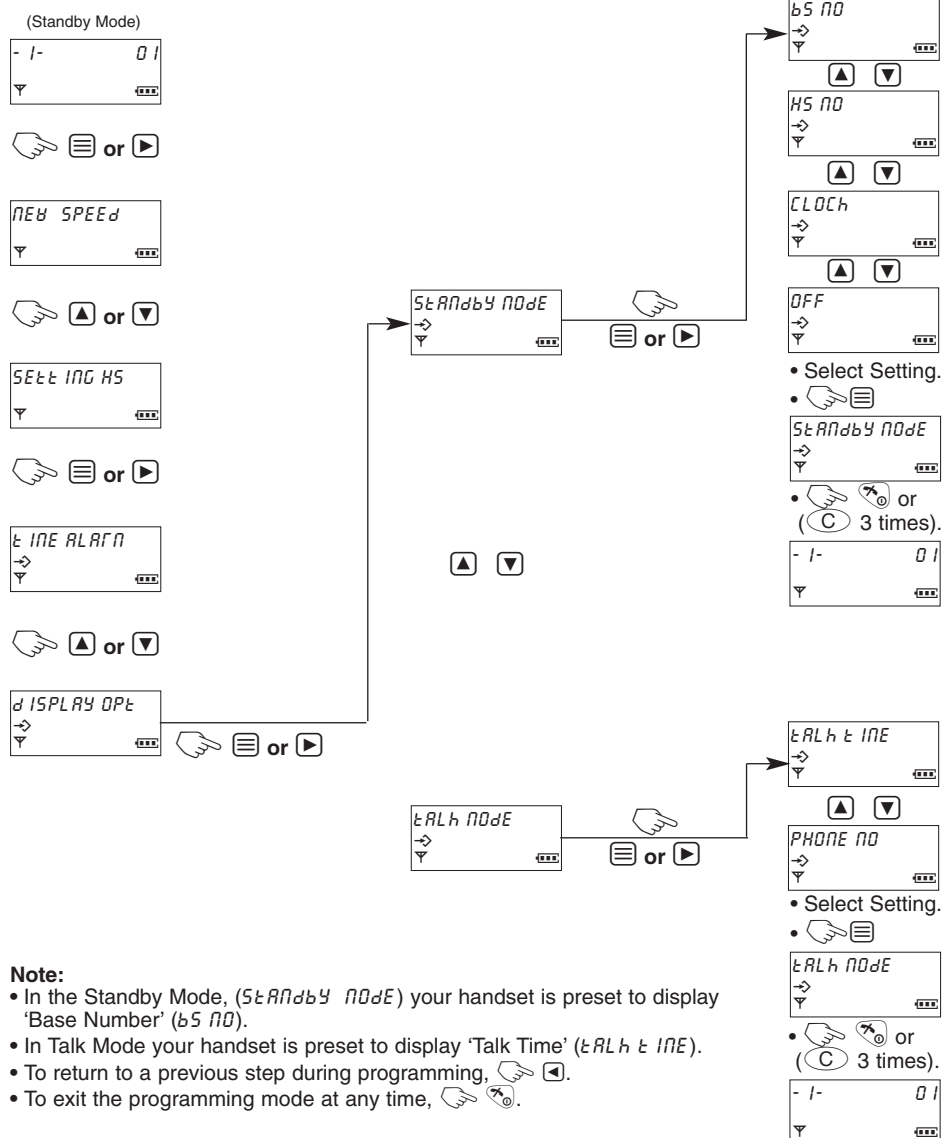
Within the Display Option menu, it is possible to program the following:

- **Select the Standby Mode Display (*StANdbY nOdE*).**

In the Standby mode, it is possible to set the display to show; Base Number (*bS nD*), Handset Number (*HS nD*), Clock (*CLOCk*) and OFF (*OFF*).

- **Select the Talk Mode Display (*tALh nOdE*).**

In the Talk mode, it is possible to set the display to show Talk Time (*tALh t INE*) or Phone Number (*PHONE nD*).

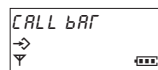
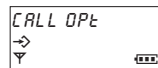
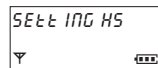
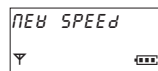


Setting Call Options

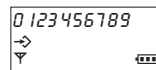
Within the Call Option menu, it is possible to program the following:

- **Set Call Prohibition (CALL bAR)** see page 35.
- **Set Direct Call Number (d IFEct NO)**. You can store a number in the direct call memory. This feature allows you to make a call easily by pressing . Incoming calls are accepted.
- **Setting Direct Call ON/OFF (SEt d IFEct) (ON/OFF)** see page 35.

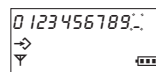
(Standby Mode)



- Direct Call No. Input mode.



- If direct call no. is already registered, it is displayed. If not enter number.



- Select ON/OFF.

- A confirmation tone sounds.

eg. (Select OFF).



eg. (Select ON).



- or (C 3 times).

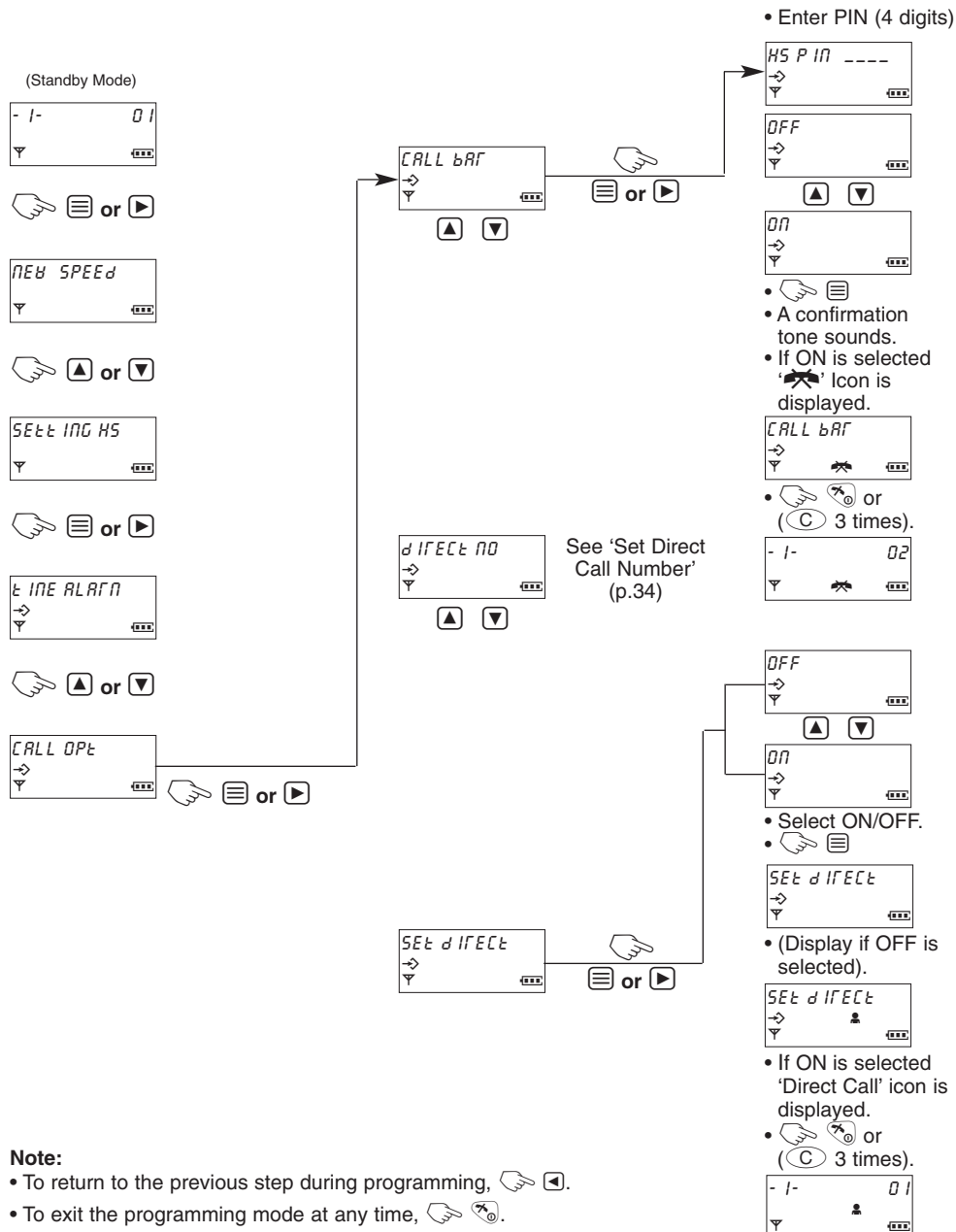


(eg. Direct Call "ON").

Note:

- To return to the previous step during programming, .
- To exit the programming mode at any time, .

- **Set Call Prohibition** (this prohibits anyone from making a call with your handset except for emergency calls. Incoming calls are accepted (**CALL bAR**)).
- **Set Direct Call ON/OFF (SEt d IFEct) (ON/OFF).**



Setting Other Options

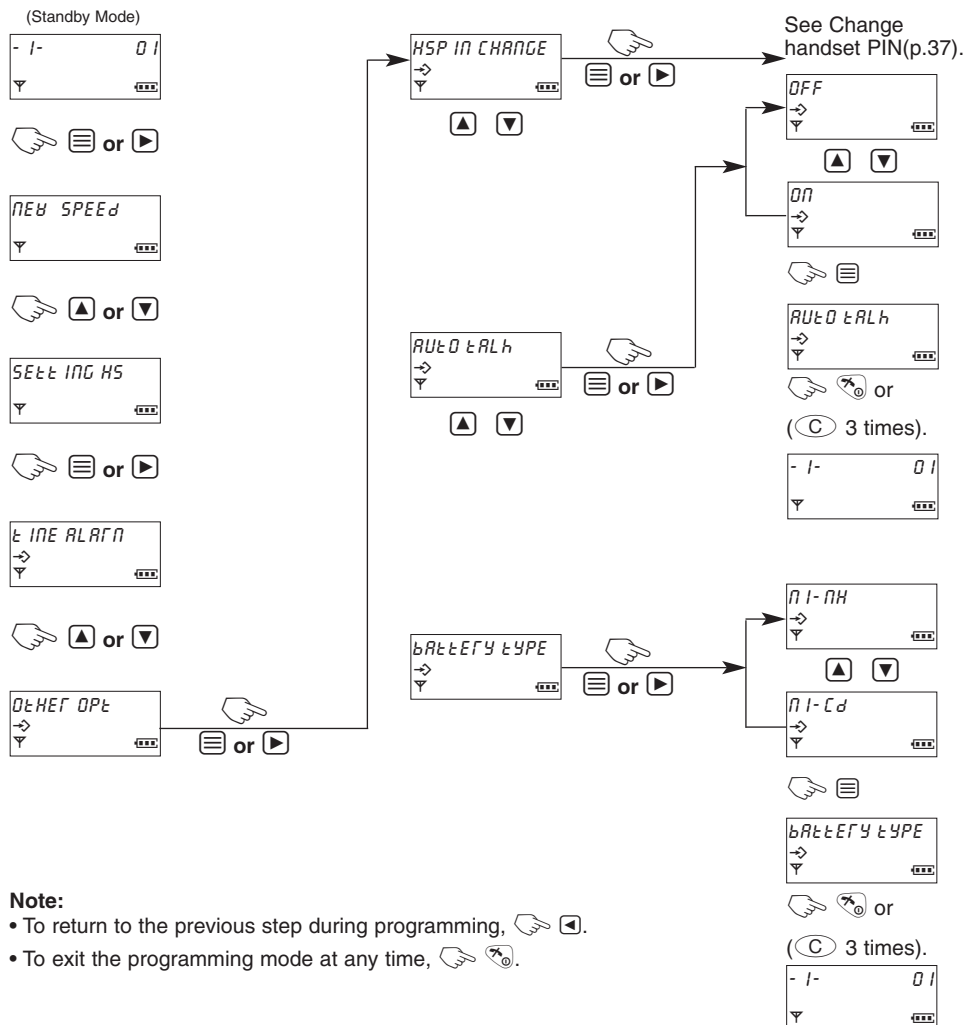
Within the Other Option menu, you can program the following:

- **Change Handset PIN (HSP IN CHANGE).** The factory pre-set is 0000.
- **Set Auto Talk ON/OFF (AUtO tALh).**

The Auto Talk feature allows you to answer a call by lifting the handset off the base unit without pressing . If you want to use this feature, turn the feature ON. The factory preset is OFF. In order to view caller's phone number before answering a call, leave the Auto Talk feature OFF.

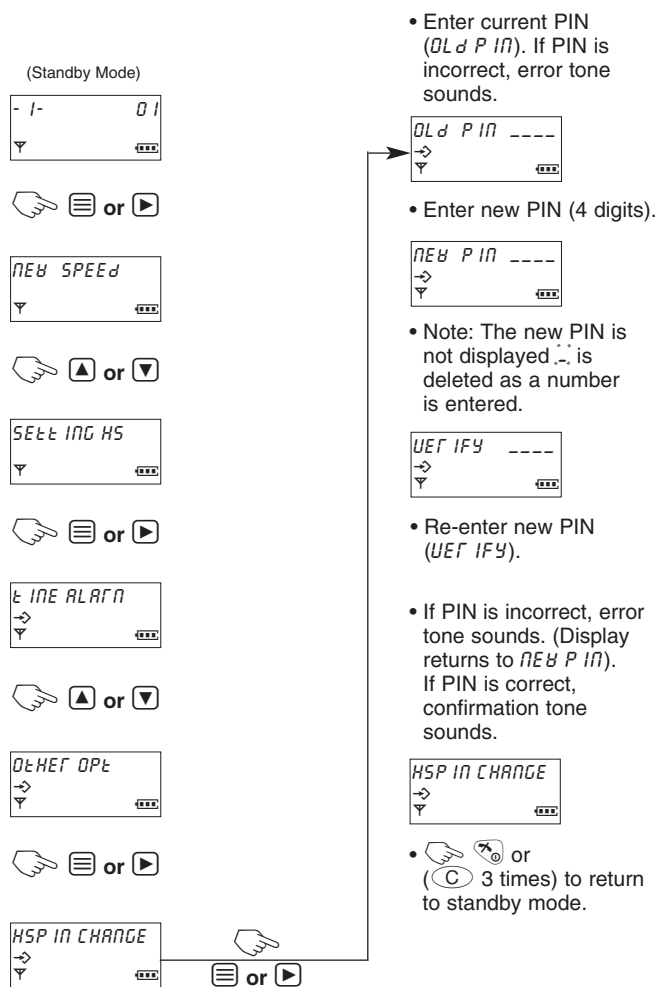
- **Select Battery Type (bAtteRY tYPE).**

Two Nickel metal hydride (Ni-MH) rechargeable batteries are included with this unit. Ensure that the battery selection is set to Ni-MH, or the battery strength will not be displayed correctly.



• Change Handset PIN (*HSP IN CHANGE*)

- You can program a 4 digit password for the handset. The factory pre-set is 0000. Changing the password may prevent the unauthorised use of your unit by another person.



NOTE: Once you have programmed the password, you cannot confirm it. We recommend you write down the password. If you forget it, please consult your nearest Panasonic Service Centre.

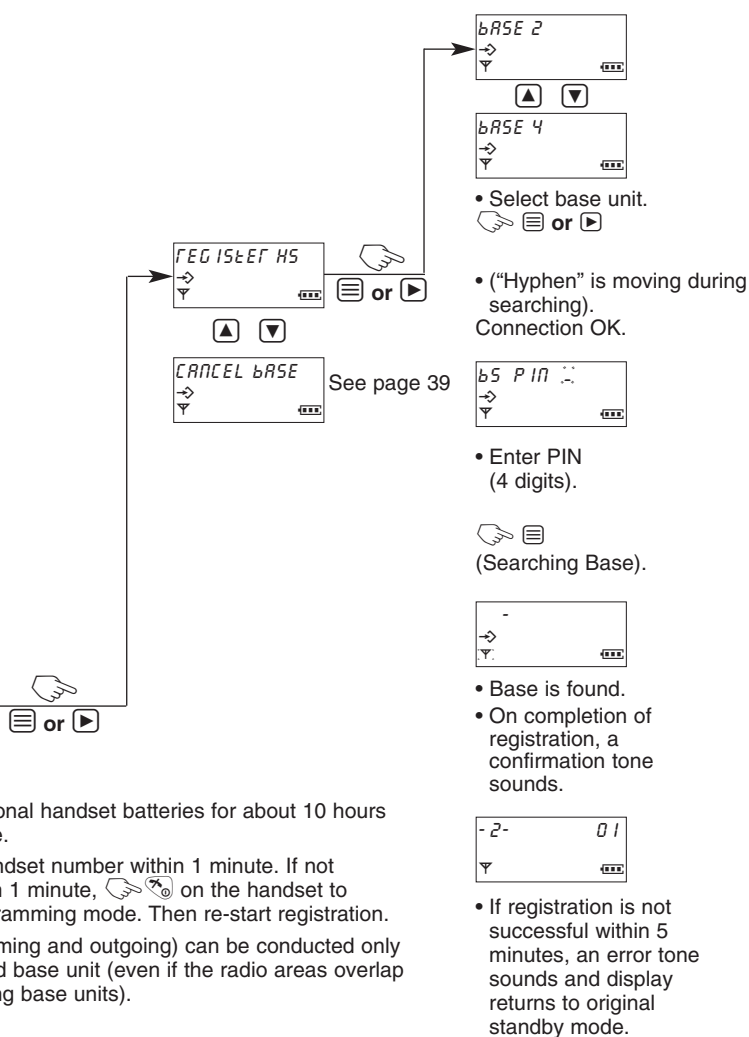
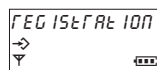
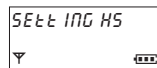
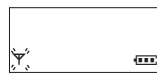
Registration

• Register a Handset to a Base Unit (REG ISLEEF HS)

The handset supplied with the base unit is already registered. If an optional handset/base unit is purchased, the following procedure needs to be carried out before initial use.

and Hold on base unit for 10 secs.

(Standby Mode)



NOTES:

- Charge the optional handset batteries for about 10 hours before initial use.
- Register the handset number within 1 minute. If not registered within 1 minute, on the handset to cancel the programming mode. Then re-start registration.
- Calls (both incoming and outgoing) can be conducted only via the displayed base unit (even if the radio areas overlap with neighbouring base units).

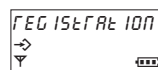
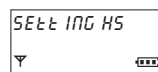
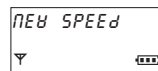
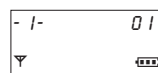
Note:

- To return to the previous step during programming, .
- To exit the programming mode at any time, .

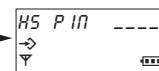
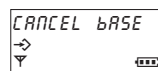
• Cancelling a Base Unit (*CANCEL BASE*)

If another handset is out of range and/or its power is OFF when 'Cancelling a handset', the previous base unit number will still remain in the cancelled handset. Therefore, you need to cancel the base unit registered **in the cancelled handset**.

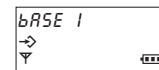
(Standby Mode)



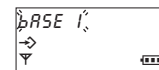
See page 38



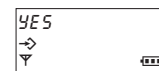
- Enter PIN (4 digits) (*HS PIN*).
- If entered PIN is correct, registered base number is displayed.



- Hand icon pointing to the screen, with an up arrow icon and a down arrow icon, to select base unit(s) to cancel.



"Base1" flashes.



- Display returns to function menu.

Note:

- To return to the previous step during programming, Hand icon pointing to the screen, with a left arrow icon.
- To exit the programming mode at any time, Hand icon pointing to the screen, with a power icon.

Select Base Unit (*SELECT b5*)

• Automatic Base Unit Access (*AUTO*)

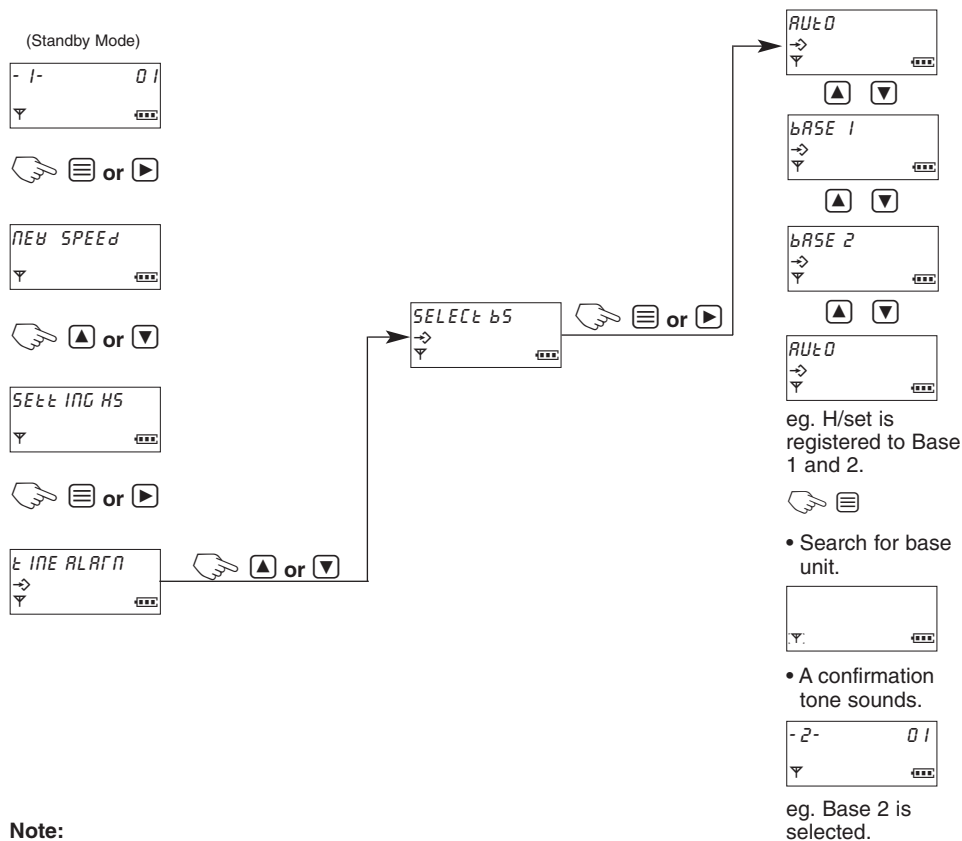
The handset automatically selects a registered base unit.

- When the handset moves to another base unit radio area, it loses contact with the previous base unit and automatically accesses the new base unit.
- If the handset is in the overlap area between several base unit radio areas, the handset will access the nearest base unit.

• Specified Base Unit Access eg. (*BASE 1*)

You can only select one registered base unit (1 to 4) you want to operate (*SELECT b5*).

- You can choose the base unit/telephone line where you can make/receive calls. The factory preset is 'Automatic Base Unit Access'. To select the desired base unit, program as follows:

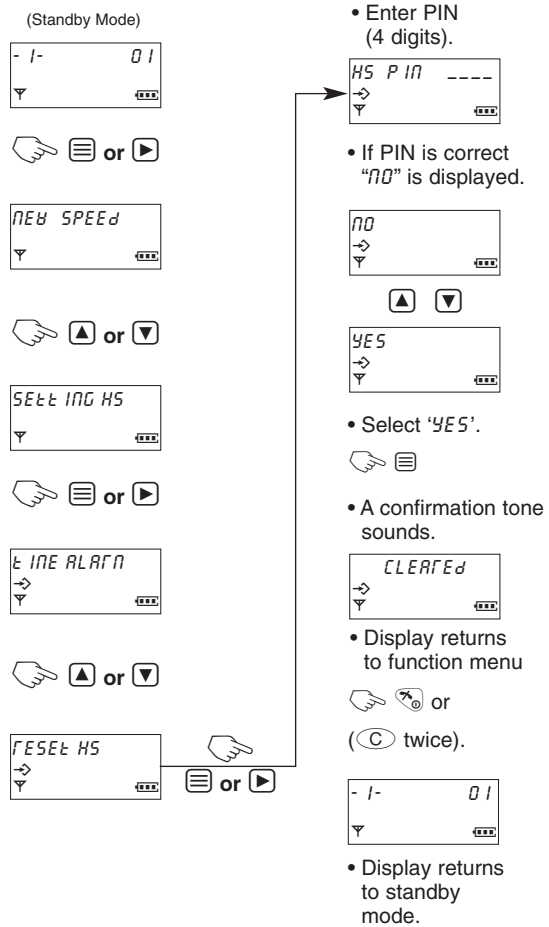


Note:

- To return to the previous step during programming, or .
- To exit the programming mode at any time, .

Reset Handset (RESET HS)

This function enables the handset to clear the following settings at one time. They will return to their initial settings.



Function	Initial Setting
Time Alarm Mode	OFF
Alarm Time	Clear
Handset Ringer Volume	3
Handset External Ringer Pattern	1
Handset Internal Ringer Pattern	1
Handset Paging Tone Pattern	1
Handset Alarm Tone Pattern	1
Key Tones	ON
Call Waiting Tone	ON
Range Warning Alarm	OFF
Battery Low Alarm	ON
Standby Mode Display	Base Unit Number
Talk Mode Display	Length of the Call
Call Prohibition	OFF
Direct Call Mode	OFF
Direct Call Number	Clear
Handset Password	0000
Auto Talk	OFF
Base Unit Access	Automatic Base Unit Access
Handset Receiver Volume	2
Redial Memory	All Clear

Note:

- To return to the previous step during programming, .
- To exit the programming mode at any time, .

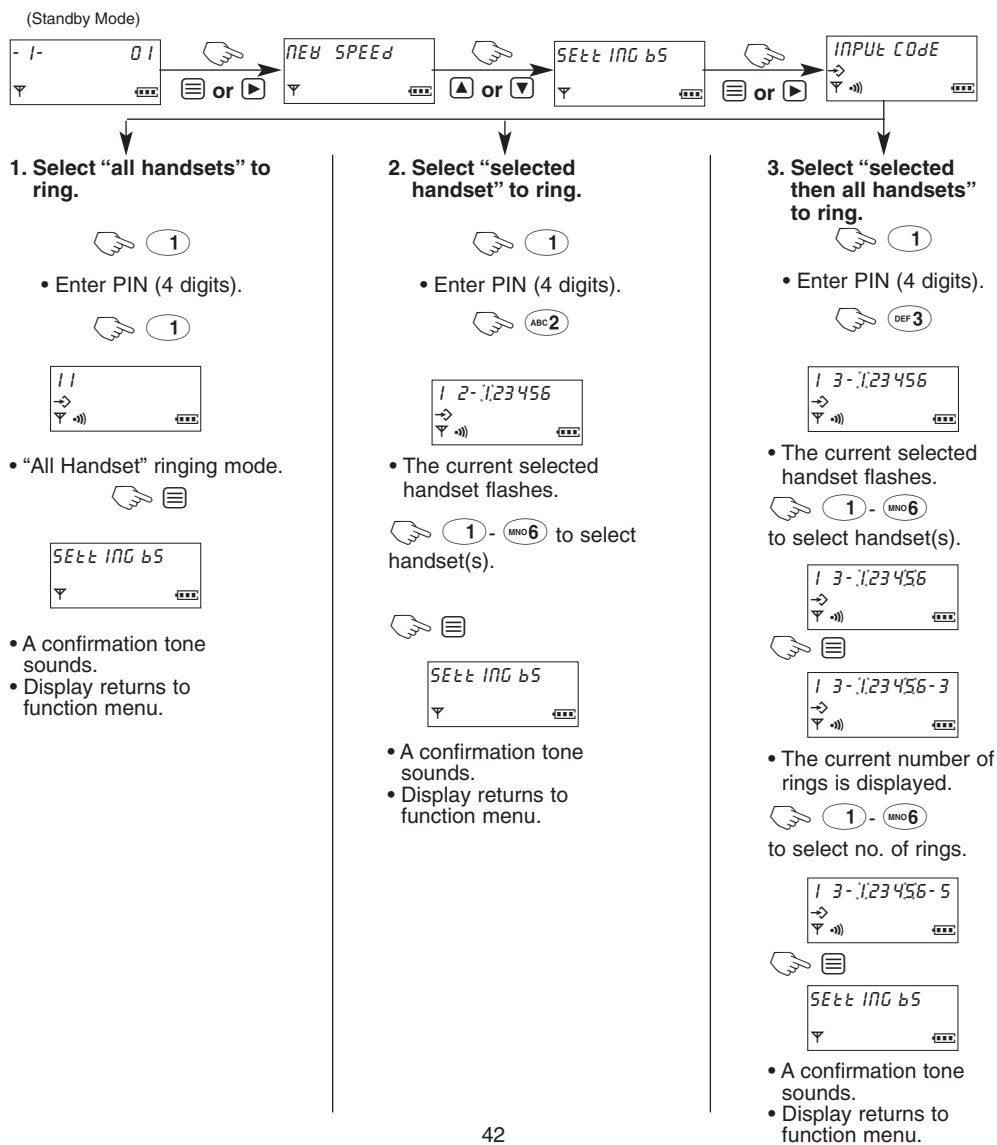
Programmable Functions (On the Base Unit)

Bell Selection

There are three choices for Bell Selection when a call is being received

- all handsets ring. "All handsets"
- the selected handset(s) ring(s). "Selected handset(s)"
- the selected handset rings first. Then if it does not answer, all other handsets will ring. "Selected then all handsets"

The factory preset is 'All handsets'. To change the bell selection, program as follows:



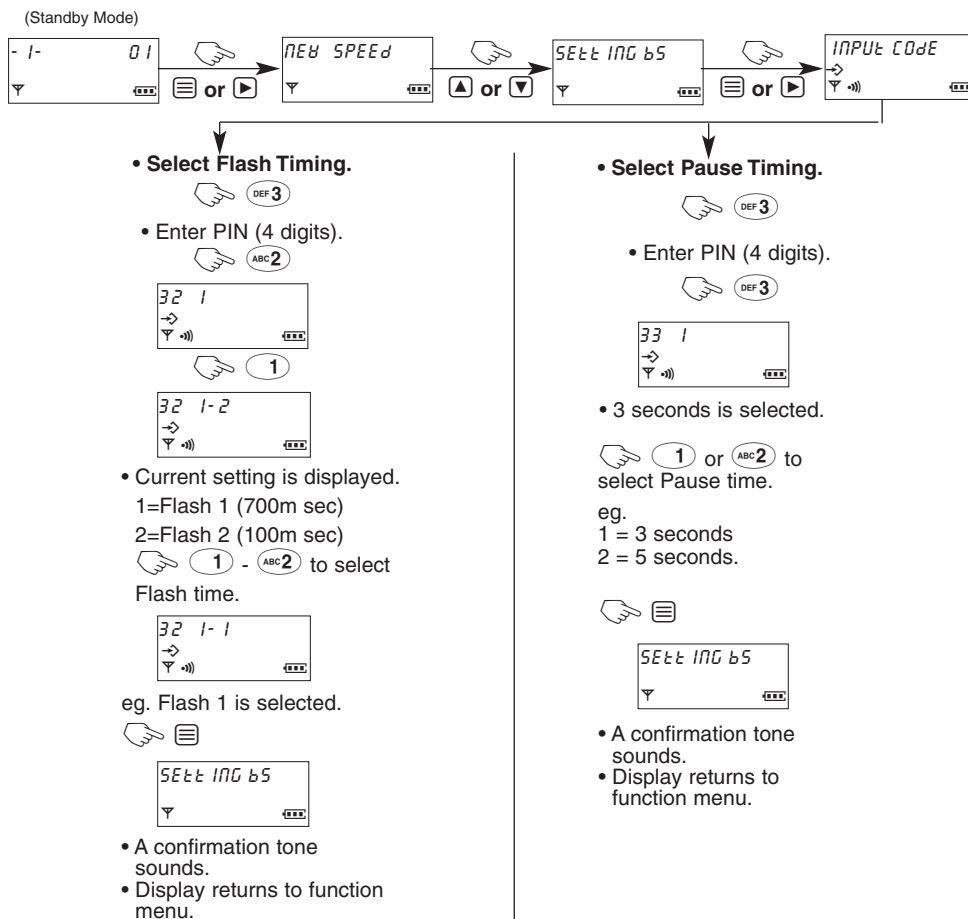


Select Flash Mode

- Users in Australia can access Telstra's "EASY CALL" service by having the recall time set at 100msec (this is the factory default setting), and then follow Telstra's "EASY CALL" instructions to operate this service.
- If you are connected via a PBX, a longer or shorter recall time may be necessary to use PBX functions (transferring a call etc.). Consult your PBX supplier for the correct setting.

Select Pause Timing

You can set the pause timing to 3 or 5 seconds, depending on your PBX requirements. The factory preset is 3 seconds.



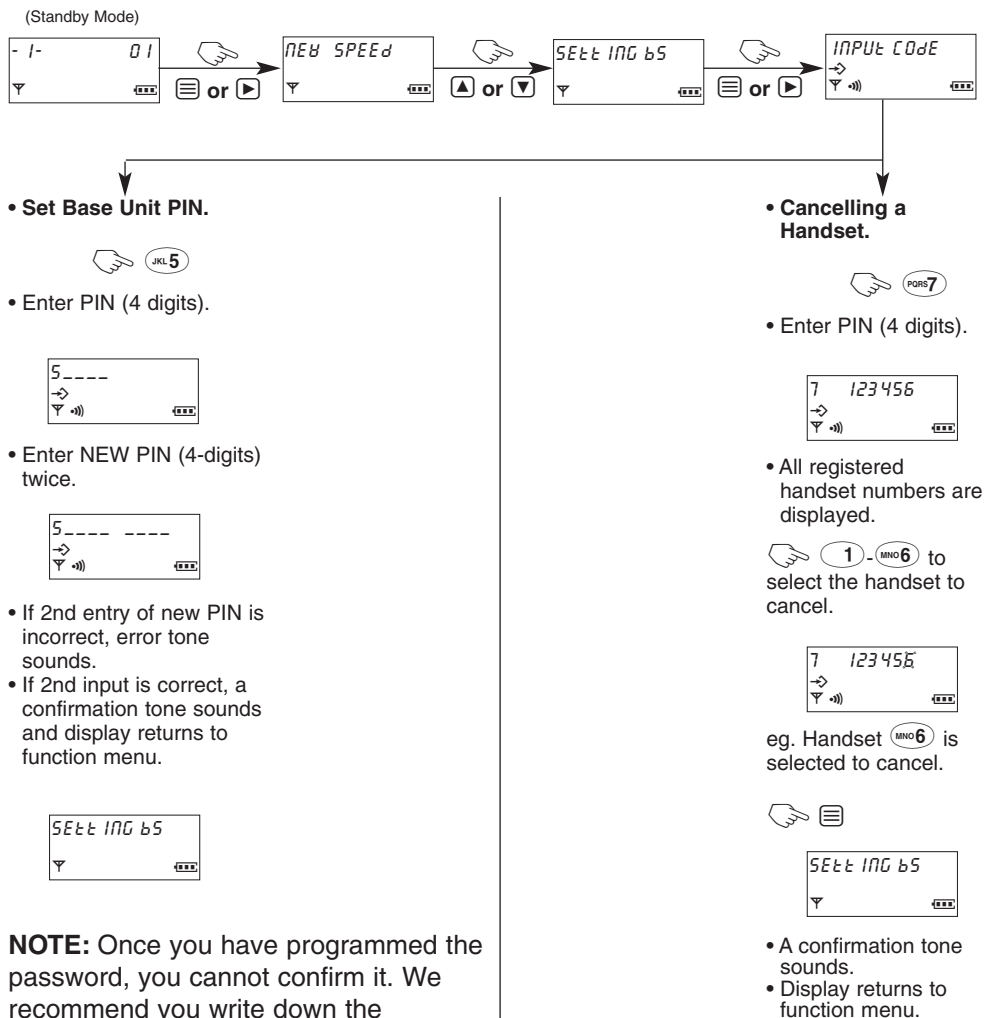
➡ Programmable Functions (On the Base Unit)

Set the Base Unit PIN

You can program a 4-digit password for the base unit. Each factory preset is 0000. Changing the password may prevent the unauthorised use of your unit by another person.

Cancelling a Handset

Each handset can cancel itself or another handset.



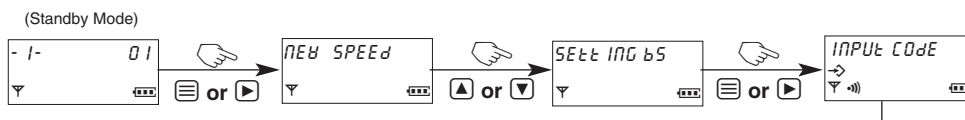
NOTE: Once you have programmed the password, you cannot confirm it. We recommend you write down the password. If you forget it, please consult your nearest Panasonic Service Centre.

Call Restriction

You can restrict desired handset(s) from dialling selected phone numbers. Phone numbers beginning with the restricted digits cannot be dialled out.

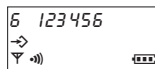
For example, if "00" is assigned as the call restriction number, international calls cannot be made.

For selected handset(s) you can assign up to 6 call restriction numbers (up to 8 digits). Set the call restricted handset(s) and the restriction number(s) by programming. The factory preset is OFF.



• To Set Call Restriction.

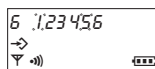
- 1.
2. Enter PIN (4 digits).



- All registered handset numbers are displayed.

3. to to select handset to restrict.

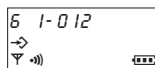
- The selected handset(s) number(s) flashes.



- 4.

5. Enter a call restriction number up to 8 digits.

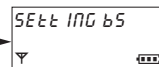
- If you misdial,



eg. input 012.

- 6.

- A confirmation tone sounds.
- To continue entering a number, enter the next number, then .



- A confirmation tone sounds.
- Display returns to function menu.

To Cancel the Call Restricted Handset(s)

Follow steps 1 to 2, then enter the handset number(s) you want to cancel. When finished, , then to return to the standby mode.

To Cancel the Call Restricted Number(s)

Follow steps 1 to 3, then select the call restriction number you want to cancel by pressing . Then . When finished, , then to return to the standby mode.

When you dial a restricted number, the call is disconnected and the dialled number flashes. Eg. The restricted number is "00".



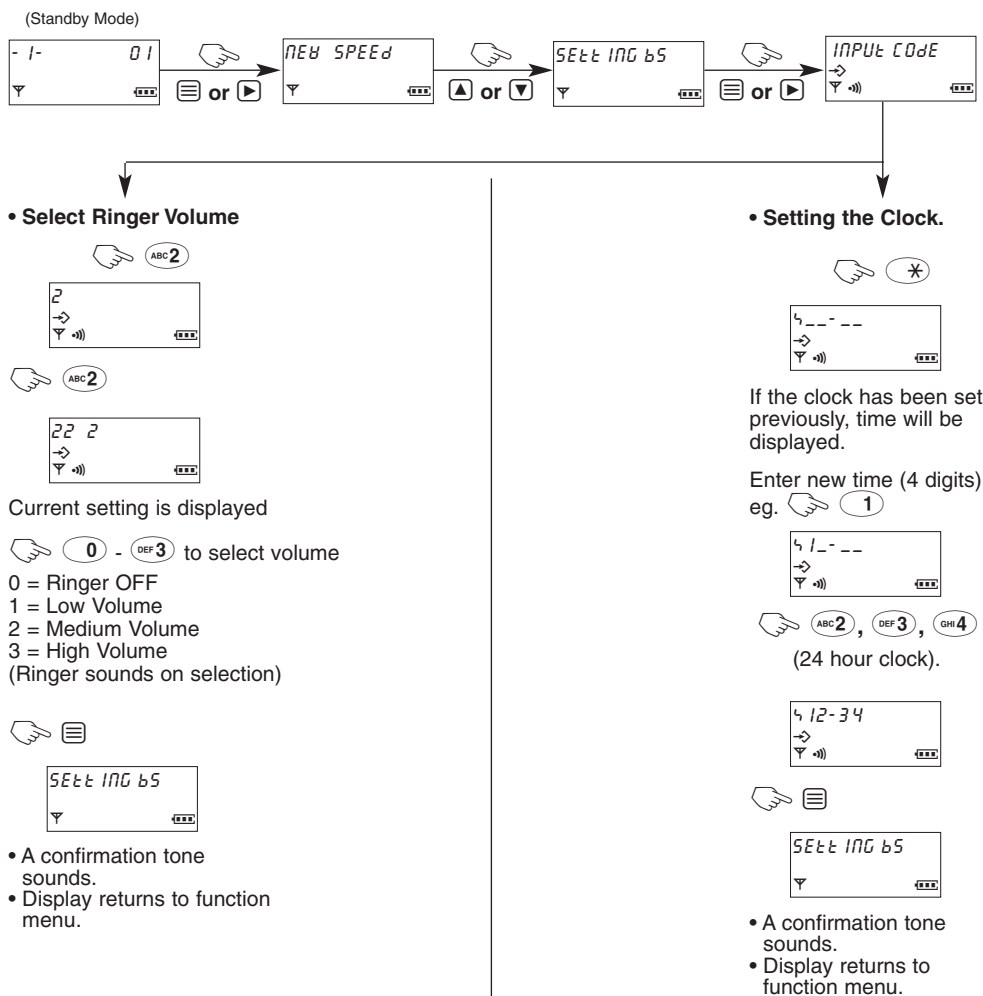
➡ Programmable Functions (On the Base Unit)

To Select the Base Unit Ringer Volume

4 levels are available. The factory preset is MEDIUM. When set to OFF, the base unit will not ring.

Setting the Clock

To set clock, please program as below. The clock can be displayed as an option in standby mode (see page 33).

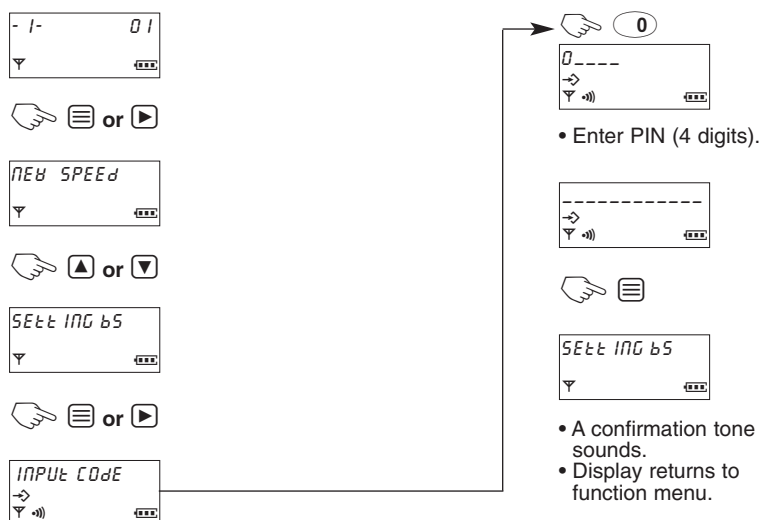


Note: After a mains power failure, the clock needs to be re-set. Clock may take up to one minute to appear on the handset display.

Reset Base Unit

This function enables the base unit to clear the following settings at one time. They will return to their initial settings. The following are factory default settings of the Base Unit.

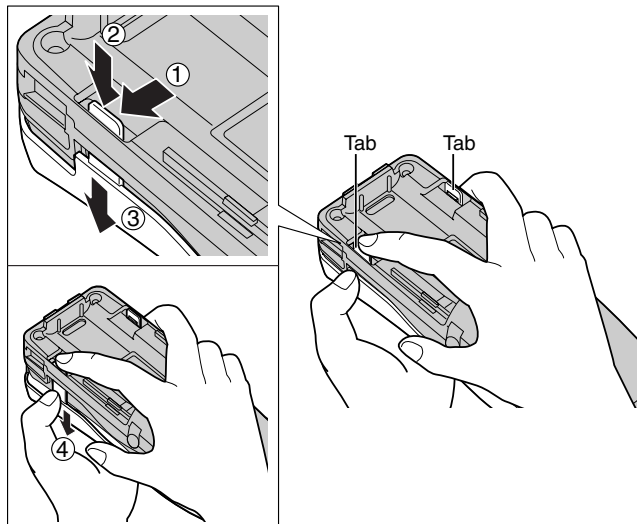
Function	Initial Setting
Bell Selection	All Handsets
Flash Timing	100 m seconds
Pause Timing	3 seconds
Call Restricted Handset(s)	All Clear
Call Restriction number(s)	All Clear
Base Unit PIN	0000
Base Station Ringer Volume	Medium



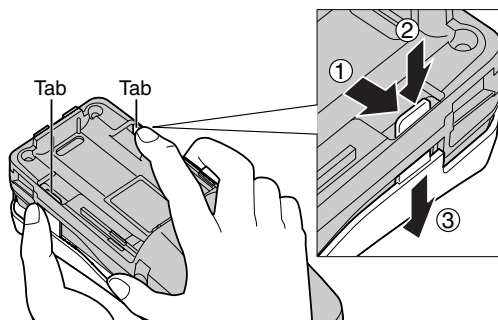
Option Covers

You can change the look of your phone's handset with option covers.

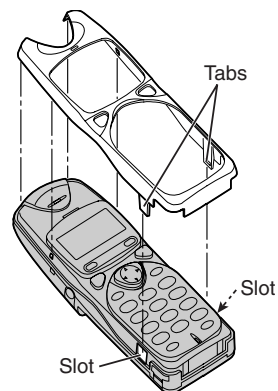
1. Turn the phone off. Remove the battery cover by sliding while pressing the arrow. Remove the batteries.
2. The option cover is locked by the right and left tabs. Unlock one of the tabs by pressing horizontally ① and vertically ②, and partially pull down the option cover ③, ④ as shown.



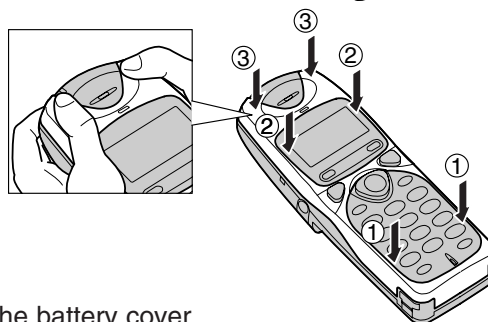
3. Unlock the other tab by pressing horizontally ① and vertically ②, and partially pull down the option cover ③ in the same way. Remove the cover from the handset completely.



4. Place the new option cover by fitting the tabs on the cover into their slots on the handset.



5. Snap the option cover shut on the lower ①, middle ② and upper ③ parts of the handset.

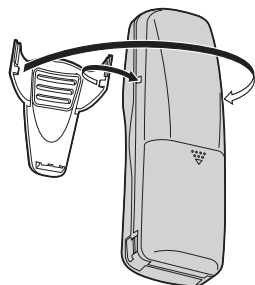


6. Connect the batteries and close the battery cover.





Using the Belt Clip

You can hang the handset on your belt or pocket using the belt clip.

To remove the belt clip





Before Requesting Help

Problem	Remedy
The unit does not work.	<ul style="list-style-type: none">• Turn the power ON (p.14).• Check the settings.• Charge the batteries fully (p.9).• Clean the charge contacts and charge again (p.9).• Unplug the AC adaptor and turn the power OFF to reset. Plug in the AC adaptor and turn the power ON. Then try again.• The handset has been cancelled or has not been registered. Register the handset (p.38).• Re-install the handset batteries and try again.
“Y” flashes and an alarm tone sounds when you   .	<ul style="list-style-type: none">• You are too far from the base unit. Move closer and try again.• Plug in the AC adaptor.
A busy tone sounds when you   .	<ul style="list-style-type: none">• Another handset is in use.
You cannot dial.	<ul style="list-style-type: none">• The unit is in call prohibition mode. Cancel the mode (p.35).• The dialled number is restricted. Cancel the number (p.45).• Key lock mode is set. Cancel the mode (p.28).
“Y” flashes during a conversation and the call is disconnected.	<ul style="list-style-type: none">• The handset is out of range. Move closer to the base unit and make the call again.• Plug in the AC adaptor.
Static, sound cuts in/out, fades. Interference from other electrical units.	<ul style="list-style-type: none">• Locate the handset and base unit away from other electrical appliances.• Move closer to the base unit.
The handset does not ring.	<ul style="list-style-type: none">• Turn the power ON (p.14).• The ringer is set to OFF. Select the desired volume level (p.31).
The base unit does not ring.	<ul style="list-style-type: none">• The ringer is set to OFF. Set to HIGH, MEDIUM or LOW (p.46).
You cannot program function items such as the handset ringer volume.	<ul style="list-style-type: none">• Programming is not possible while the unit is in the talk or intercom mode.• Do not pause for over 60 seconds while programming.
You cannot store a phone number in memory.	<ul style="list-style-type: none">• You cannot store a phone number while the unit is in the talk or intercom mode.• Do not pause for over 60 seconds while storing.



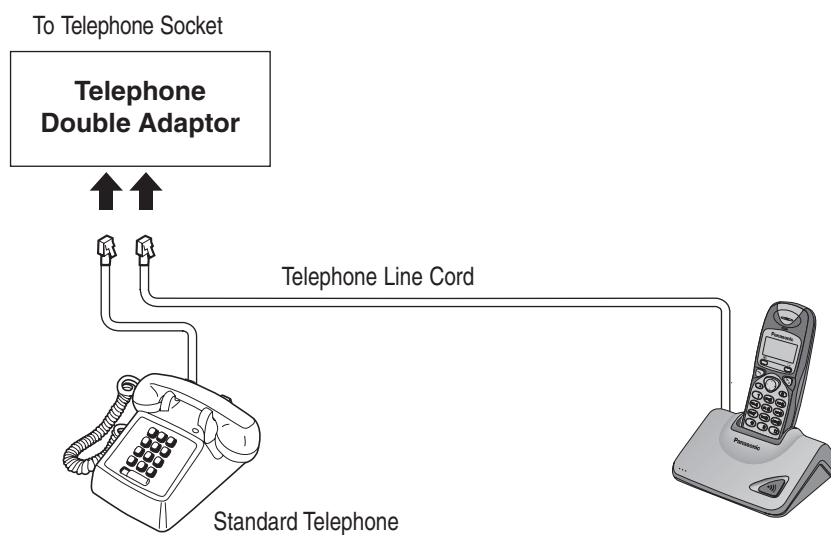
Problem	Remedy
While programming or searching, the unit starts to ring and stops the program/search.	<ul style="list-style-type: none"> To answer the call, lift the handset or . Start again from the beginning after hanging up.
The unit does not display the caller's phone numbers.	<ul style="list-style-type: none"> Other telephone equipment may be interfering with your phone. Disconnect them and try again. Other electrical appliances connected to the same outlet may be interfering with the Caller ID information. Telephone line noise may be affecting the Caller ID information.
does not function.	<ul style="list-style-type: none"> The handset is too far from the base unit. The handset is engaged in an outside call.
You cannot redial.	<ul style="list-style-type: none"> If the last number dialled was more than 24 digits long, the number will not be redialled correctly.
The paged handset does not answer.	<ul style="list-style-type: none"> The handset is not in the same radio area. The handset is engaged in an outside call. The handset has been cancelled or has not been registered. Register the handset to the base unit (p.38).
While using the intercom, two tones sound.	<ul style="list-style-type: none"> A call is being received. To answer, then .
The unit misdials when connected to a PBX.	<ul style="list-style-type: none"> Check the pause function (p.27).
You cannot register the handset in the base unit.	<ul style="list-style-type: none"> The base unit has registered a maximum of 6 handsets or the handset has registered a maximum of 4 base units. A wrong base unit password was entered. Enter the correct password. There is interference from other electrical units, locate the handset and base unit away from them. You must finish registration within 1 minute after the ringer tone sounds, or programming will be cancelled (p.38).
The battery strength is not displayed correctly.	<ul style="list-style-type: none"> Check that the battery type selection is correct (p.36).

➡ Before Requesting Help

Problem	Remedy
"  flashes or the unit beeps every 15 seconds.	<ul style="list-style-type: none">• Charge the batteries fully (p.9).
You charged the batteries fully, but "  flashes.	<ul style="list-style-type: none">• Clean the charge contacts and charge again (p.9).• Install new batteries (p.11).

Adding Another Phone

This unit will not function during a power failure. To connect a standard telephone on the same line, use a double adaptor.



Panasonic Technics

WARRANTY

1. This product is warranted for 12 months from the date of purchase excluding the battery. Subject to the conditions of this warranty Panasonic or its Authorised Service Centre will perform necessary service on the product without charge for parts or labour if, in the opinion of Panasonic, the product is found to be faulty within the warranty period.
2. This warranty only applies to products sold by Panasonic Australia Pty Limited or its Authorised Distributors and/or Dealers and only where the products are used and serviced within Australia. Warranty cover applies only to service carried out by a Panasonic Authorised Service Centre only when valid proof of purchase is presented at the time the warranty service is requested.
3. This warranty applies only if the product has been installed and used in accordance with the manufacturer's recommendations (as noted in the operating instructions) under normal use and reasonable care (in the opinion of Panasonic). The warranty covers normal domestic use only. The warranty does not cover damage, malfunction or failure resulting from use of incorrect voltages, accident, misuse, neglect, build-up of dirt or dust, abuse, misadjustment of customer controls, mains supply problems, thunderstorm activity, infestation by insects or vermin, tampering or repair by unauthorised persons (including unauthorised alterations), exposure to abnormally corrosive conditions or any foreign object or matter having entered the product.
4. This warranty does not cover the following items unless the fault or defect being complained of existed prior to the time of purchase.

(a) Cosmetic's/housing parts. (b) User related faults. (c) Damage caused by non genuine parts and accessories (g) Batteries	(c) Accessories (d) Damage caused by liquid or corrosion (f) Repairs carried out by unauthorised third party
--	--
5. If warranty service is required you should:
 - Telephone Panasonic's Customer Care Centre on 132600 for the name/address of the nearest Panasonic Authorised Service Centre.
 - Send or take the product to a Panasonic Authorised Service Centre.
 - Provide a copy of your purchase receipt as proof of date of purchase.
6. The warranties hereby conferred do not extend to any costs associated with the delivery, handling, freighting or transportation of the product or any part thereof or replacement of and do not extend to any damage or loss occurring during, or associated with, transit.

Panasonic Authorised Service Centres are located in major metropolitan areas of Australia, however, coverage will vary dependant on product. For advice on exact Panasonic Authorised Service Centre locations for your product, please telephone our Customer Care Centre on 132600.

Unless otherwise specified to the consumer the benefits conferred by this express warranty are additional to all other conditions, warranties, guarantees, rights and remedies expressed or implied by the Trade Practices Act 1974 and similar consumer protection provisions contained in legislation of the States and Territories and all other obligations and liabilities on the part of the manufacturer or supplier and nothing contained herein shall restrict or modify such rights, remedies, obligations or liabilities.

**THIS WARRANTY CARD AND THE PURCHASE DOCKET (OR SIMILAR PROOF OF PURCHASE)
SHOULD BE RETAINED BY THE CUSTOMER AT ALL TIMES**

**If you require assistance regarding warranty conditions or any other enquiries,
please contact the **Panasonic Customer Care Centre****

By phone **132600** or via the website **www.panasonic.com.au**

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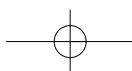
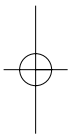
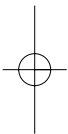
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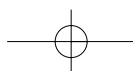
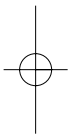
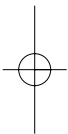
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